File 344:Chinese Patents ABS Apr 1985-2000/Aug
        (c) 2000 European Patent Office
File 347:JAPIO Oct 1976-2000/Apr(UPDATED 000816)
        (c) 2000 JPO & JAPIO
File 350:Derwent 1963-2000/UD,UM & UD=200039
        (c) 2000 Derwent Info Ltd

Set	Items	Description
S1	824601	REMOT? OR NETWORK? OR INTERNET OR WWW OR WORLD()WIDE()WEB – OR (WIDE OR LOCAL)()AREA()NETWORK? OR WAN OR DISTANT OR DISTR- IBUT?
S2	1510754	SEND OR SENDING OR SENDS OR TRANSMIT? OR TRANSMISSION? ?
S3	4855487	COMMAND? OR INSTRUCTION? OR DIRECTION? OR OPERATION? ? OR – SIGNAL? ? OR ACTIVAT? OR EXECUT? OR REQUEST? OR TURN?()ON
S4	530727	CONTROLLER? OR MANAGER? OR DIRECTOR?
S5	6447951	DEVICE? OR UNIT? ? OR PERIPHERALS? ? OR VIDEO()DECK? ? OR – APPARATUS OR EQUIPMENT?
S6	546682	APPLIANCE? ? OR (HOME OR HOUSE)(3N)APPLIANCE? OR STOVE? ? – OR MICROWAVE OR LIGHTS OR LIGHTING OR VCR OR TV OR TELEVISION
S7	22	ELECTRIC?()POWER()GRID? ?
S8	17	(SMART OR INTELLIGENT)(3N)(HOUSE? OR HOME?)
S9	4429636	EMBED? OR COMBIN? OR AFFIX? OR ADJOIN? OR JOIN? OR ATTACH? OR ADD? OR INSERT? OR AUGMENT? OR APPEND? OR INCORPORAT?
S10	55606	(ELECTRONIC OR E OR VIRTUAL)(3N)(MAIL OR MESSAGE? OR DATA OR INFORMATION) OR EMAIL
S11	0	S8 AND S10
S12	136714	S1 AND S2 AND S3
S13	339283	S4 AND (S5 OR S6 OR S7)
S14	18141	S9 AND S10
S15	15421	S12 AND S13
S16	137	S15(S)S14
S17	52738	IC=G11B-015
S18	0	S16 AND S17
S19	124	S12(S)S13(S)S14
S20	53	S15 AND (USING OR VIA OR S9)(3N)S10
S21	32	S20 NOT AD=19970318:20000131/PR
S22	30	S21 NOT (BARCODE? OR BAR()CODE? OR DOCKING)

8/3,K/1   (Item 1 from file: 344)
DIALOG(R)File 344:Chinese Patents ABS
(c) 2000 European Patent Office. All rts. reserv.

    4203143
    CONCENTRATED HOUSEHOLD APPLIANCE CONTROLLING SYSTEM
Patent Assignee: OUYANG BINGYU (CN)
Author (Inventor): BINGYU OUYANG (CN)
Patent Family:
    CC Number   Kind   Date
    CN 1233144   A   19991027 (Basic)
Application Data:
    CC Number   Kind   Date
    *CN 98110796   A   19980423

    8/3,K/2   (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2000 JPO & JAPIO. All rts. reserv.

05554386
SMART CARD THAT **HOUSES** SEMICONDUCTOR DIE

PUB. NO.:   09-169186 [JP 9169186 A]
PUBLISHED: June 30, 1997 (19970630)
INVENTOR(s):   MAAKU BURATSUDOFUOODO KURIFUTON
                RICHIYAADO MAIKERU FURIN
                FURETSUDO UIRIAMU BUERUDEI
APPLICANT(s):   LE-SENTO TECHNOL INC [000000] (A Non-Japanese Company or
                Corporation), US (United States of America)
APPL. NO.:   08-279264 [JP 96279264]
FILED: October 22, 1996 (19961022)
PRIORITY: 7-558,579 [US 558579-1995], US (United States of America),
                October 31, 1995 (19951031)

SMART CARD THAT **HOUSES** SEMICONDUCTOR DIE

    8/3,K/3   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

013148377   **Image available**
WPI Acc No: 2000-320249/200028
XRPX Acc No: N00-240403
    Intelligent peripheral services e.g. for packet switched network
Patent Assignee: PRIORITY CALL MANAGEMENT INC (PRIO-N)
Inventor: MELAMPY P J; PENFIELD R F
Number of Countries: 025 Number of Patents: 001
Patent Family:
Patent No   Kind Date   Applicat No   Kind   Date   Week
EP 998153   A2   20000503 EP 99308152   A   19991015 200028 B

Priority Applications (No Type Date): US 98182036 A 19981028
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
EP 998153   A2 E 19 H04Q-003/00
    Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
    LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic):
...   subscriber. Several call elements associated with the inbound
    call are gathered. A location of a **home intelligent** peripheral of
    the subscriber derived from the gathered call elements. The inbound
    call is connected to the **home intelligent** peripheral via a packet
    switched network. The step of gathering a several call elements include
    ...

8/3,K/4   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent

012935287
WPI Acc No: 2000-107134/200010
XRPX Acc No: N00-082280
Concentrated household appliance controlling system
Patent Assignee: OUYANG B (OUYA-I)
Inventor: OUYANG B
Number of Countries: 001   Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
CN 1233144	A	19991027	CN 98110796	A	19980423	200010	B

Priority Applications (No Type Date): CN 98110796 A 19980423
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CN 1233144	A		1	H04Q-009/00	

...Abstract (Basic): medium for electric power and control signal, central
    controlling computer to indoor power network and **intelligent
    household** appliances connected to the indoor power network...

8/3,K/5   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent

012914591   **Image available**
WPI Acc No: 2000-086427/200007
XRAM Acc No: C00-024040
XRPX Acc No: N00-067837
Self-closing cap for filling neck of vehicle fuel tank
Patent Assignee: ON TRACK INNOVATIONS LTD (ONTR-N)
Inventor: ADUK M; BASHAN O; GILBOA R; ITAY N
Number of Countries: 086   Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9958356	A1	19991118	WO 99IL219	A	19990423	200007	B
AU 9934416	A	19991129	AU 9934416	A	19990423	200018	

Priority Applications (No Type Date): IL 124424 A 19980511
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9958356	A1	E	16	B60K-015/04	

    Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
    CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
    LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
    SL TJ TM TR TT UA UG US UZ VN YU ZA ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

| AU 9934416 | A | | | B60K-015/04 | Based on patent WO 9958356 |

Abstract (Basic):
...   wire (53) which is fixed with epoxy resin to the recess and
    connected to a **smart** card (54) **housed** in the recess. The coil
    antenna send signals to the gas station when the fuel...

8/3,K/6   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent

012813808   **Image available**

WPI Acc No: 1999-620039/199953
XRPX Acc No: N99-457319
 Wireless telemetry method for communicating with or controlling
  intelligent devices in homes **and businesses**
Patent Assignee: BELLSOUTH INTELLECTUAL PROPERTY CORP (BELL-N)
Inventor: SHAND A M; WARFEL K B; WHITLEY K T
Number of Countries: 086 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9949680	A1	19990930	WO 99US6429	A	19990324	199953	B
AU 9932015	A	19991018	AU 9932015	A	19990324	200009	

Priority Applications (No Type Date): US 9879215 A 19980324
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9949680	A1	E	30	H04Q-007/22	

   Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
   CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
   LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
   SL TJ TM TR TT UA UG US UZ VN YU ZA ZW
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
   IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

Patent No	Kind			Main IPC	Filing Notes
AU 9932015	A			H04Q-007/22	Based on patent WO 9949680

Abstract (Basic):
...   For communicating with or controlling **intelligent** devices in
   homes and business such as meter reading system...

 8/3,K/7   **(Item 5 from file: 350)**
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

012702868   **Image available**
WPI Acc No: 1999-508979/199942
XRPX Acc No: N99-379285
 Method for providing arrangement for prepaid electrical supplies using
 box having connections from mains supply and outlets for particular
 circuit supplied such as house **using receptor for** smart **card –**
 purchasable from authorities for value corresponding to predetermined
 amount of electricity
Patent Assignee: BAXTER B J (BAXT-I); SWANSON D O (SWAN-I)
Inventor: BAXTER B J; SWANSON D O
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
ZA 9809792	A	19990728	ZA 989792	A	19981027	199942	B

Priority Applications (No Type Date): ZA 989792 A 19981027
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
ZA 9809792	A	E	10	G05F-000/00	

... **using box having connections from mains supply and outlets for**
 particular circuit supplied such as house **using receptor for** smart
 card...

 8/3,K/8   **(Item 6 from file: 350)**
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

012577738   **Image available**
WPI Acc No: 1999-383845/199932

XRPX Acc No: N99-287344
 Hardware controlled multinode interface module for control system such as
    smart   home **control, process and factory control**
Patent Assignee: LOCKHEED MARTIN CORP (LOCK)
Inventor: HEFLIN D L
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5907690	A	19990525	US 9371920	A	19930603	199932	B

Priority Applications (No Type Date): US 9371920 A 19930603
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5907690	A		11	G06F-013/38	

 Hardware controlled multinode interface module for control system such as
    smart   home **control, process and factory control**

Abstract (Basic):
...   For environmental, security, fire and smoke warning, **smart**
   home controls, training simulators as well as process of factory
    controls...

 8/3,K/9   (Item 7 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

012519756   **Image available**
WPI Acc No: 1999-325862/199927
XRPX Acc No: N99-244375
 Digital image data classification method for programmable man-machine
 interfaces in general or special purpose computing devices
Patent Assignee: HOFFBERG S M (HOFF-I); HOFFBERG-BORGHESANI L I (HOFF-I)
Inventor: HOFFBERG S M; HOFFBERG-BORGHESANI L I
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5901246	A	19990504	US 95469104	A	19950606	199927	B

Priority Applications (No Type Date): US 95469104 A 19950606
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5901246	A		91	G06K-009/62	

Abstract (Basic):
...   for VCR, medical device, vehicle control system, audio device,
    environment control system, securities trading terminal, **smart   house**
    .

 8/3,K/10   (Item 8 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

012496687   **Image available**
WPI Acc No: 1999-302795/199925
XRPX Acc No: N99-226832
 Highlighting holidays in calendar software application
Patent Assignee: ERICSSON INC (TELF)
Inventor: MOON B G; WOOLDRIDGE T A
Number of Countries: 082 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9921100	A1	19990429	WO 98US22202	A	19981022	199925	B
AU 9911074	A	19990510	AU 9911074	A	19981022	199938	

```
US 6064975     A   20000516 US 97955911     A  19971022  200031
```

Priority Applications (No Type Date): US 97955911 A 19971022
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
WO 9921100   A1 E 32 G06F-015/02
    Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
    CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR
    LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
    TR TT UA UG UZ VN YU ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW
AU 9911074   A   G06F-015/02   Based on patent WO 9921100
US 6064975   A   G06F-017/60

Abstract (Basic):
...   differently to other dates. The geographical location is
    specified as the current location of the **intelligent** communications
    device, its **home** location or that of a communicating party, using a
    GUI.

8/3,K/11   (Item 9 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

012074320   **Image available**
WPI Acc No: 1998-491231/199842
XRPX Acc No: N98-384362
    Home **banking system using** intelligent **terminals such as PC - has
    financial institution side computer apparatus which performs banking
    process when call from customer side computer apparatus is confirmed by
    PC communication network base**
Patent Assignee: JIRU KK (JIRU-N); NIPPON OILS & FATS CO LTD (NIOF); RUN
    WORLD KK (RUNW-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 10214305   A   19980811 JP 9731213   A   19970130 199842 B

Priority Applications (No Type Date): JP 9731213 A 19970130
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 10214305   A   7 G06F-019/00

    Home **banking system using** intelligent **terminals such as PC**...

8/3,K/12   (Item 10 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

011800779   **Image available**
WPI Acc No: 1998-217689/199819
XRPX Acc No: N98-172112
    **Location update method for wireless terminal - extending PBX functions to
    perform location updating sequence through exchange,** intelligent
    network and home **PBX**
Patent Assignee: NOKIA TELECOM OY (OYNO); NOKIA NETWORKS OY (OYNO)
Inventor: LAHTINEN L
Number of Countries: 080 Number of Patents: 005
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
WO 9812886   A1   19980326 WO 97FI559   A   19970918 199819 B
FI 9603722   A   19980320 FI 963722   A   19960919 199826
AU 9743053   A   19980414 AU 9743053   A   19970918 199839
FI 102125   B1   19981015 FI 963722   A   19960919 199847

EP 974239   A1 20000126 EP 97919086   A 19970918 200010
                                WO 97FI559   A 19970918

Priority Applications (No Type Date): FI 963722 A 19960919
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
WO 9812886   A1 E 19 H04Q-007/26
    Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
    CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT
    LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
    UA UG US UZ VN YU ZW
    Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT
    KE LS LU MC MW NL OA PT SD SE SZ UG ZW
EP 974239   A1 E   H04Q-007/26   Based on patent WO 9812886
    Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU
    MC NL PT SE
AU 9743053   A   H04Q-007/26   Based on patent WO 9812886
FI 102125   B1   H04M-003/00   Previous Publ. patent FI 9603722
FI 9603722   A   H04M-000/00

... **extending PBX functions to perform location updating sequence through
exchange,** intelligent **network and** home **PBX**

   8/3,K/13   (Item 11 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

011416724   **Image available**
WPI Acc No: 1997-394631/199737
XRPX Acc No: N97-328372
  **Room lighting brightness control device with dimmer – sets illumination
  level in several separate places, compared with alternating cross-over
  switches using little additional cabling**
Patent Assignee: SIMON R (SIMO-I)
Inventor: SIMON R
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
DE 19603875   A1   19970807 DE 1003875   A   19960203   199737 B

Priority Applications (No Type Date): DE 1003875 A 19960203
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
DE 19603875   A1   6

...Abstract (Basic): USE/ADVANTAGE – Suitable for hospitals, zoos, and
    businesses, including **homes** . Provides ''**intelligent** '' control
    throughout day and night, leaving some lights ON for security, and
    generally power-saving...

   8/3,K/14   (Item 12 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

011311658   **Image available**
WPI Acc No: 1997-289563/199726
XRPX Acc No: N97-239780
  **Decryption of received and selected broadcast signal for subsequent
  viewing – has converter box or decryption device which can use number of
  different decrypting smart cards simultaneously inserted in box to access
  selected broadcast encrypted signal**
Patent Assignee: E*STAR INC (ESTA-N); AMARYLLIS INT LTD (AMAR-N)
Inventor: WILSON J
Number of Countries: 063 Number of Patents: 006
Patent Family:

```
Patent No        Kind    Date       Applicat No     Kind   Date       Week
WO 9718656       A1     19970522    WO 96US17936     A     19961113    199726   B
AU 9714059       A      19970605    AU 9714059       A     19961113    199738
US 5742680       A      19980421    US 95556511      A     19951113    199823
EP 861542        A1     19980902    EP 96944189      A     19961113    199839
                                    WO 96US17936     A     19961113
NZ 325532        A      19981125    NZ 325532        A     19961113    199903
                                    WO 96US17936     A     19961113
JP 2000503821    W      20000328    WO 96US17936     A     19961113    200026
                                    JP 97518947      A     19961113
```

Priority Applications (No Type Date): US 95556511 A 19951113
Patent Details:

```
Patent No   Kind Lan Pg   Main IPC      Filing Notes
WO 9718656       A1  E  40  H04L-009/14
    Designated States (National): AL AU BB BG BR CA CN CZ EE GE HU IL IS JP
    KP KR LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN
    Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE
    LS LU MC MW NL OA PT SD SE SZ UG
JP 2000503821    W      34  H04N-007/167   Based on patent WO 9718656
AU 9714059       A          H04L-009/14    Based on patent WO 9718656
US 5742680       A      18  H04L-009/32
EP 861542        A1  E      H04L-009/14    Based on patent WO 9718656
    Designated States (Regional): AT BE CH DE ES FI FR GB IT LI LU NL SE
NZ 325532        A          H04L-009/14    Based on patent WO 9718656
```

...Abstract (Basic): A decryption device simultaneously **houses** two
    removable **smart** cards, the first having a memory for storing a first
    decryption algorithm for decrypting the...

8/3,K/15   (Item 13 from file: 350)
DIALOG(R)File 350:Derwent

011215256   **Image available**
WPI Acc No: 1997-193181/199717
XRPX Acc No: N97-159539
**Modular communications and applications control system for accessing home
network - has storage device containing association table for connections
between any of networks to set appropriate connection to module
requesting same**
Patent Assignee: OPEN SYSTEMS COMMUNICATIONS MARKETING IN (OPEN-N)
Inventor: HAM M E; JOLMA L N; LAWSON H M; PRENICZKY J T; SAUNDERS L
Number of Countries: 071 Number of Patents: 003
Patent Family:

```
Patent No        Kind    Date       Applicat No     Kind   Date       Week
WO 9709800       A2     19970313    WO 96US13505     A     19960829    199717   B
AU 9668527       A      19970327    AU 9668527       A     19960829    199729
WO 9709800       A3     19970605    WO 96US13505     A     19960829    199737
```

Priority Applications (No Type Date): US 95521046 A 19950829
Patent Details:

```
Patent No   Kind Lan Pg   Main IPC      Filing Notes
WO 9709800       A2  E  41  B
    Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CU CZ
    DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG
    MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN
    Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE
    LS LU MC MW NL OA PT SD SE SZ UG
AU 9668527       A          B              Based on patent WO 9709800
WO 9709800       A3         B
```

...Abstract (Basic): for accessing external communications networks such as
    LANs and WANs and internal networks such as **home** network or **smart**
    systems for security, energy management, meter reading, digital data
    service provision, CATV distribution etc...

8/3,K/16   (Item 14 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

011100167   **Image available**
WPI Acc No: 1997-078092/199708
XRPX Acc No: N97-064774
 Injection electroluminescent nerve network circuit
Patent Assignee: UNIV FUJIAN (UYFU-N)
Inventor: CHEN F; GUO D; LIN S
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
CN 1078053	A	19931103	CN 92103255	A	19920427	199708	B

Priority Applications (No Type Date): CN 92103255 A 19920427
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CN 1078053	A			G06F-015/18	

...Abstract (Basic): cranial nerve cell for memory, recognition, debugging
    and classification. May be widely used in various **intelligent**
    industrial equipment, **household** electric appliances and electric
    controlling equipment, or to make IC chips with large amount of...

8/3,K/17   (Item 15 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

010803191   **Image available**
WPI Acc No: 1996-300144/199630
Related WPI Acc No: 1998-506000; 1998-556780
XRPX Acc No: N96-252613
 **Utility demand monitoring and control system - has distribution network
 coupled to host computer for interconnecting several intelligent utility
 units for transmitting utility usage data from units to host computer**
Patent Assignee: FIRST PACIFIC NETWORKS INC (FIRS-N); FIRST PACIFIC
  NETWORKS (FIRS-N)
Inventor: AMAR A C; MCNAMARA R P
Number of Countries: 007 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5528507	A	19960618	US 93104750	A	19930811	199630	B
EP 795948	A1	19970917	EP 96301661	A	19960311	199742	N

Priority Applications (No Type Date): US 93104750 A 19930811; EP 96301661 A
  19960311
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5528507	A		11	G01R-021/00	
EP 795948	A1	E	14	H02J-013/00	

    Designated States (Regional): DE FR GB IT NL SE

...Abstract (Basic): service meter, monitoring customer demand, and
    controlling power to selected units. A network within the **home**
    interconnects each **intelligent** utility unit with power consuming
    units for providing data on power usage and power control.

22/3,K/1   (Item 1 from file: 344)
DIALOG(R)File 344:Chinese Patents ABS
(c) 2000 European Patent Office. All rts. reserv.

4179238
METHOD FOR SENDING E-MAIL MESSAGES IN A LOCAL AREA NETWORK, AND DEVICE FOR APPLYING SAME
Patent Assignee: SAMSUNG ELECTRONICS CO LTD (KR)
Author (Inventor): KIM IN-HWAN (KR); KONSTANTIN VITALIEVICH VYAZNIKOV (KR); ALEXANDR MIKHAILOVICH POTRYVAEV (KR)
Patent Family:
    CC Number   Kind   Date
    CN 1209239   A   990224   (Basic)
Application Data:
    CC Number   Kind   Date
    *CN 96180035   A   961216

22/3,K/2   (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2000 JPO & JAPIO. All rts. reserv.

05850872   **Image available**
ELECTRONIC MAIL SERVICE **MANAGER** WITH AUTHENTICATING FUNCTION

PUB. NO.:   10-133972 [JP 10133972 A]
PUBLISHED: May 22, 1998 (19980522)
INVENTOR(s):   HASEGAWA AKIRA
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
               (Japan)
APPL. NO.:   08-305791 [JP 96305791]
FILED: October 31, 1996 (19961031)

ELECTRONIC MAIL SERVICE **MANAGER** WITH AUTHENTICATING FUNCTION
...JAPIO CLASS: Memory **Units**)

ABSTRACT
... transferring file by means of an electronic mail server by reducing the traffic of a **network** .

...

...SOLUTION: An electronic mail client 1 **transmits** an **electronic** **mail** text **added** with a file transferring script including positional information of a file and the name of...

... 12 and authenticates the permission of access with respect to an electronic mail client 1' **requesting** reception to the transferred file based on the file transferring script and mail header information

22/3,K/3   (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2000 JPO & JAPIO. All rts. reserv.

05748536   **Image available**
ELECTRONIC MAIL SERVICE **MANAGER** HAVING FILE SERVER MANAGEMENT FUNCTION

PUB. NO.:   10-031636 [JP 10031636 A]
PUBLISHED: February 03, 1998 (19980203)
INVENTOR(s):   HASEGAWA AKIRA
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
               (Japan)
APPL. NO.:   08-203112 [JP 96203112]
FILED: July 12, 1996 (19960712)

ELECTRONIC MAIL SERVICE **MANAGER** HAVING FILE SERVER MANAGEMENT FUNCTION

ABSTRACT

PROBLEM TO BE SOLVED: To reduce the traffic of a **network** that is caused in the **transmission** of an **electronic mail** having the **additional** binary data by analyzing the file information on the received electronic mail and performing the...

...SOLUTION: An electronic mail processing part 11 of an electronic mail service **manager** 5 receives an electronic mail from an electronic mail client 1 and then reads, interprets and processes the file transfer **command** script **added** to the received **electronic mail via** a file transfer **command** script processing part 12. Then the part 11 receives the file transferred from the client...

22/3,K/4 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO

05265839 **Image available**
DISTRIBUTION SYSTEM FOR DATA FOR ELECTRONIC BOOK

PUB. NO.:   08-221339 [JP 8221339 A]
PUBLISHED: August 30, 1996 (19960830)
INVENTOR(s):   KAYA TOYONORI
APPLICANT(s):   TAITO CORP [425320] (A Japanese Company or Corporation), JP
                (Japan)
APPL. NO.:   07-050381 [JP 9550381]
FILED: February 16, 1995 (19950216)

DISTRIBUTION SYSTEM FOR DATA FOR ELECTRONIC BOOK
...JAPIO CLASS: Memory **Units**); 45.3 (INFORMATION PROCESSING...

...Input Output **Units**); 45.4 (INFORMATION PROCESSING...

ABSTRACT

PURPOSE: To acquire desired book data at need by **requesting** book data by inputting a number similarly as in the **request** of KARAOKE music and registering it on an IC card by an IC card writer...

... be used in an electronic book is accumulated. The document data for electronic book is **transmitted** periodically from a publisher to the KARAOKE base station 3 via a communication channel. A customer inputs the number as observing a document name/music name correspondence number **directory** K, and orders the music and the electronic book (document data) to the KARAOKE base...

...IC card writer 40 since the data at the leading position of which B is **attached** shows the **data** for **electronic** book, and the IC card writer 40 writes the document data on the IC card...

22/3,K/5 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO

05226691 **Image available**
POWER SOURCE ADAPTER

PUB. NO.:   08-182191 [JP 8182191 A]
PUBLISHED: July 12, 1996 (19960712)
INVENTOR(s):   UMANO BUNJI
APPLICANT(s):   HITACHI LTD [000510] (A Japanese Company or Corporation), JP
                (Japan)
                HITACHI COMPUT ENG CORP LTD [472484] (A Japanese Company or
                Corporation), JP (Japan)

APPL. NO.:   06-337372 [JP 94337372]
FILED: December 26, 1994 (19941226)

...JAPIO CLASS: **Transmission & Distribution**); 30.2 (MISCELLANEOUS
                 GOODS...

...**Equipment**); 43.2 (ELECTRIC POWER

ABSTRACT

PURPOSE: To selectively form DC power sources of various specifications to
be supplied without switch **operation** by inserting a power source
information **unit** attached to an electronic **apparatus** to the power
source information **unit** socket of a power source adapter...

...CONSTITUTION: A power source information **unit** PIU is engraved on upper
and lower parts with power source information having selective meaning...

...DC voltage information IDCV, DC current information IDCI and DC polarity
information IDCP from the **unit** PIU inserted to a power source information
unit socket SPIU, and **transmits** it to a **controller** CTLU. The
controller CTLU controls the **operations** of an AC-DC converter ADCV and
a DC output selector POSW. That is, the information **unit** attached to an
electronic **apparatus** EEQP is merely **inserted** to an **electronic**
information **unit** socket to selectively and automatically obtain the DC
power source to be supplied to the **apparatus** EEQP.

22/3,K/6   (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2000 JPO & JAPIO. All rts. reserv.

04064400   **Image available**
DATA **TRANSMISSION CONTROLLER** BETWEEN ELECTRONIC **DEVICES**

DATA **TRANSMISSION CONTROLLER** BETWEEN ELECTRONIC **DEVICES**

ABSTRACT

PURPOSE: To **send** data easily between specific **devices** without use of an
exclusive interface when data are sent between electronic **devices** such as
personal computers...

...CONSTITUTION: A setting circuit 1 sets an identification code of its own
and opposite **electronic devices** . A **transmission data** generating
circuit 3 **adds** the identification code to the data to generate the
transmission data. A **transmission** circuit 5 **sends** the **transmission**
data to a **transmission equipment** 9. A reception circuit 11 demodulates
the **transmission** data from the **transmission network** 9 and outputs the
result to a detection circuit 13. The detection circuit 13 outputs a
detection **signal** when the circuit 13 detects the identification code
addressed to itself. A **transmission** control circuit 7 controls the
transmission data generating circuit 3 so as to add the identification
code at the start of connection and at data **transmission** , and when the
detection circuit 13 outputs the detection **signal** , the control circuit
controls **transmission** reception circuits 5, 11 to keep the connection
between its own and opposite electronic **devices** .

22/3,K/7   (Item 6 from file: 347)

03923340   **Image available**
CENTRAL CONTROL SYSTEM FOR AIR CONDITIONER

ABSTRACT
... it possible to set an address in automatic mode by inputting automatic
setting to a **remote** **controller** without any double address setting even
when a plurality of air conditioning **unit** are additionally connected with
a bus communication **network** .

...
...CONSTITUTION: When an address automatic setting switch for a **remote**
 controller 1a is input, an automatic setting **command** 'a' is output to
the whole indoor **equipment** . The indoor **equipment**   transmits a **command**
 'd' to a central **controller**   3 and the other indoor **equipment** to
interrupt the bus communication temporarity of a **command** 'e' to cancel
the interruption. On the other hand, the **remote**   **controller** 1a outputs
an automatic setting **command** 'a' by means of an address automatic setting
switch 4 and then outputs a setting start **command** 'b' to each indoor
 equipment   one by one by means of an address setting **command** section 7.
Indoor **equipment** 15 sets a **virtual**   **address** and **transmits**   **data** to
the other indoor **equipment**   separately and detects the answerback of
separated **transmission**   **transmitted** from a response section 14 of the
other **equipment**   by means of a double setting detector section 11 and
changes the virtual address and keeps separated **transmission** until all
the answerbacks disappear. The virtual address without any answerback is
set and registered

22/3,K/8   (Item 7 from file: 347)

00933651   **Image available**
AUDIO RESPONSE MODULATOR AND DEMODULATOR

...JAPIO CLASS: **Transmission** Systems); 44.4 (COMMUNICATION...

...Input Output **Units**)

ABSTRACT
... incorporating an audio response mechanism in an MODEM, which can detect
the fault of the **electronic** computer, in a **data** communication system

using a public communication **network** .

...

... changeover switch 16 is placed at the side of a modulating-demodulating mechanism 13; and **signals** are **transmitted** from a **network** **controller** 3 through two lines, and a **signal** CI for access display is **transmitted** to the modulating-demodulating mechanism 13 through one line, thereby returning a **signal** CML for circuit connection **command** to the **network** **controller** 3. If the computer 1 is troubled and a terminal ready **signal** ER for the modem 13 turns off, a fault detecting circuit 15 detects that to ...

... audio response mechanism 14. At this time, when there is access from a terminal, the **signal** CI·is sent to the audio response mechanism 14. The mechanism 14 **sends** a **signal** CML and, at the same time, controls a voice synthesizing circuit to synthesize a voice for **requesting** reaccess recorded in advance, thereby **sending** the voice **signal** to a **signal** line.

22/3,K/9   (Item 8 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2000 JPO & JAPIO. All rts. reserv.

00748527   **Image available**
DATA **TRANSMISSION** CONTROL PROCESSOR

PUB. NO.:   56-068827 [JP 56068827 A]
PUBLISHED: June 09, 1981 (19810609)
INVENTOR(s):   MURAKAMI ATSUMICHI
APPLICANT(s):   MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or
                Corporation), JP (Japan)
APPL. NO.:   54-145221 [JP 79145221]
FILED: November 08, 1979 (19791108)
JOURNAL: Section: P, Section No. 76, Vol. 05, No. 130, Pg. 74, August
                20, 1981 (19810820)

DATA **TRANSMISSION** CONTROL PROCESSOR
...JAPIO CLASS: Input Output **Units**); 22.3 (MACHINERY...

...**Transmission** Systems); 44.3 (COMMUNICATION

                               ABSTRACT
PURPOSE: To ensure a highly efficiency **operation** for both the **remote** sensing and the **remote** control, by securing a pass-through of the multibus of the micro CPU for the **transmission** line of the picture data or the like and **transmitting** the data under control of the direct memory access **controller** .

...

...CONSTITUTION: In case the **remote** sensing data such as the picture data or the like is **transmitted** , the micro CPU201 designates both the head address and the **transmission** word number of the control data in the data memory 207 via the direct memory access DMA **controller** 214 and then designates the **transmission** code length of the data according to the **transmission** control to the **transmission** **controller** 219. On the other hand, in the case of reception, the CPU201 sets previously the storing region of the received **data** , i.e ., the head **address** of the data memories 222 and 225 for the picture data and the head address of the memory 207 plus the data word length of one frame to the CMA **controller** 214. Thus the data is **transmitted** under the control of the **controller** 214 to ensure a highly efficient **operation** for both the **remote** sensing and the **remote** control.

012564479   **Image available**
WPI Acc No: 1999-370585/199931
Related WPI Acc No: 1995-170410; 1998-100563; 1999-105368; 1999-131548;
   1999-179531; 1999-228862; 2000-136532; 2000-181897
XRPX Acc No: N99-276314
 ATM adapter circuit in network **switching system for digital computer**
Patent Assignee: LSI LOGIC CORP (LSIL-N)
Inventor: DAANE J P; DESAI S; ROSTOKER M D; STELLIGA D T
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5914955	A	19990622	US 93139551	A	19931020	199931	B
			US 94354682	A	19941208		
			US 95389601	A	19950216		
			US 95412861	A	19950328		

Priority Applications (No Type Date): US 95412861 A 19950328; US 93139551 A
   19931020; US 94354682 A 19941208; US 95389601 A 19950216
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5914955	A		68	H04L-012/40	CIP of application US 93139551
					CIP of application US 94354682
					CIP of application US 95389601
					CIP of patent US 5446726
					CIP of patent US 5708659

ATM adapter circuit in network **switching system for digital computer**

Abstract (Basic):
...   The segmentation and assembly **units** are connected to buffer
    memory (594) for **transmitting** and receiving data in ATM format. A
    synchronous optical **network** , synchronous digital hierarchy frame
    unit (591) connected to the convergence **unit** , receives and
    transmits the ATM data packets.
...   An ATM **transmission** convergence **unit** (592) interfaces with
   ATM **network** (590) for receiving and **transmitting** ATM data packets
   to and from an ATM segmentation and assembly **unit** (593). A PCI
   controller and FIFO (595) in communication with PCI bus, **transmits**
   data in PCI bus format and is coupled to the buffer memory, where the
   data is stored. A microprocessor (596) connected to the PCI **controller**
   , helps in converting data from ATM format to PCI format. The PCI
   controller and FIFO, buffer memory, microprocessor, ATM segmentation
   and assembly **unit** , ATM **transmission** convergence **unit** and
   SONET/SDH framer **unit** are formed on a single chip, which further
   includes physical layer dependent **unit** for ATM **network** line
   tranceiving and clock recovery **operations** .
       ...

...For allowing computers to share resources, access information of huge
    stores, to communicate **via** e -**mail** , share **data** and transfer
    files...

...The maximum **transmission** rate in response to a sensed congestion
    condition in the **network** , is automatically reduced. A reduced
    instruction set computer (RSIC) microprocessor controls the DMA and
    transfer between the memory. The operating program...

...SONET/SDH framer **unit** (591...

...ATM **transmission** convergence **unit** (592...

...PCI **controller** and FIFO (595
...Title Terms: **NETWORK** ;

22/3,K/11   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

012135990   **Image available**
WPI Acc No: 1998-552902/199847
XRPX Acc No: N98-431658
    Remote **operating system for VTR - includes** remote   controller **which**
  transmits **e-mail including operating information for recording and**
reproducing unit
Patent Assignee: BROTHER KOGYO KK (BRER)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 10247345   A   19980914 JP 9751480   A   19970306 199847 B

Priority Applications (No Type Date): JP 9751480 A 19970306
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 10247345   A   10 G11B-015/02

    Remote **operating system for VTR...**

...**includes** remote   controller **which** transmits **e-mail including**
 operating information for recording and reproducing unit

...Abstract (Basic): mail receiver which receives an e-mail containing
    information for operating a recording and reproducing **unit** . An
    interpretator generates an operating **signal** for the recording and
    reproducing **unit** , **using** the operating **information** contained in
    the **e** -**mail** .
        ...

...A **controller** controls the **operation** of the recording and reproducing
    unit based on the operating **signal** . A **remote   controller**
    transmits the e-mail including the operating information for the
    recording and reproducing **unit** .
        ...

...ADVANTAGE - Performs **remote   operation** of recording and reproducing
    unit simply and reliably. Enables easy confirmation of **operation** of
    recording and reproducing **unit** in **remote** place. Avoids complication
    in structure of recording and reproducing **unit** .

Title Terms: **REMOTE** ;

22/3,K/12   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

012035969   **Image available**
WPI Acc No: 1998-452879/199839
XRPX Acc No: N98-353784
    Network **circulation system for computer** using   E- mail - **includes**
 HTML production unit **which produces HTML document based on modification**
 notification sent by circulation object
Patent Assignee: CASIO COMPUTER CO LTD (CASK)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 10190719   A   19980721 JP 96344156   A   19961224 199839 B

Priority Applications (No Type Date): JP 96344156 A 19961224
Patent Details:

Patent No   Kind Lan Pg   Main IPC   Filing Notes
JP 10190719   A   10 H04L-012/54

    Network **circulation system for computer** using   E- mail - ...

...**includes HTML production** unit **which produces HTML document based on
modification notification sent by circulation object**

...Abstract (Basic): The system includes an HTML production **unit** (12)
    which produces HTML document and exhibits it on a web server (13) as
    contents of circulation. A **controller** (11) controls the display of
    HTML document based on circulation list (17) and a list...

...A mail **transmitting   unit** (15) **transmits** a modification
    notification for production of HTML document, which is received by a
    circulation object and is then input to a CGI **execution   unit** (14).
    The contents of the HTML document is updated based on the modification
    notification, and...

...ADVANTAGE - Enables easy circulation of information. Enables stoppage of
    circulation based on stop **command** .

Title Terms: **NETWORK** ;

    22/3,K/13   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

012001748   **Image available**
WPI Acc No: 1998-418658/199836
XRPX Acc No: N98-326388
    Data **processing system for** e- mail   using **facsimile in computer
communication** network - **selects optimum** transmission **tip address
based on which optimum** transmission **indication data is produced and**
    transmitted **along with message data**
Patent Assignee: CANON KK (CANO)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 10171729   A   19980626 JP 96332589   A   19961213 199836 B

Priority Applications (No Type Date): JP 96332589 A 19961213
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 10171729   A   18 G06F-013/00

    Data **processing system for** e- mail   using **facsimile in computer
communication** network - ...
...**selects optimum** transmission **tip address based on which optimum**
   transmission **indication data is produced and** transmitted **along with
message data**

...Abstract (Basic): The system receives message **transmitted** by several
    transmitters through a predetermined **transmission** medium. A memory
    stores **operation** schedule data of receiving **unit** which receives
    message **request** data in memory, based on the message data to be
    transmitted . A selection **unit** (2) chooses optimum **transmission** tip
    address in the memory, based on the message **request** data received...

...Based on the selected **transmission** tip address, the **operation**
    schedule is searched. A production **unit** outputs optimum **transmission**
    indication data based on the selected tip address. A **transmission**
    controller regulates **transmission** of both the message data and the
    optimum **transmission** indication data...
...Title Terms: **NETWORK** ;

011946228   **Image available**
WPI Acc No: 1998-363138/199831
XRPX Acc No: N98-283515
 Local area transmission of E-mail messages - includes forming of
 routing list based on periodic sending of service messages by each
  unit, and evaluation of accessibility of units by static processing of
 service messages
Patent Assignee: SAMSUNG ELECTRONICS CO LTD (SMSU)
Inventor: GNEDOVSKY M J; INHWAN K; KRASNONOSENKIKH D P; POTRYVAEV A M;
 VYAZNIKOV K V
Number of Countries: 066 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9827690	A1	19980625	WO 96RU348	A	19961216	199831	B
AU 9721828	A	19980715	WO 96RU348	A	19961216	199846	
			AU 9721828	A	19961216		
EP 918413	A1	19990526	EP 96946326	A	19961216	199925	
			WO 96RU348	A	19961216		
CN 1209239	A	19990224	CN 96180035	A	19961216	199927	
			WO 96RU348	A	19961216		
JP 2000507791	W	20000620	WO 96RU348	A	19961216	200036	
			JP 98527578	A	19961216		

Priority Applications (No Type Date): WO 96RU348 A 19961216
Patent Details:

Patent No	Kind Lan Pg	Main IPC	Filing Notes
WO 9827690	A1 R 20	H04L-012/28	

    Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE
    DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN
    MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TR TT UA UG US UZ VN
    Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC
    NL PT SE

| AU 9721828 | A | H04L-012/28 | Based on patent WO 9827690 |
| EP 918413 | A1 E | H04L-012/28 | Based on patent WO 9827690 |

    Designated States (Regional): DE GB

| CN 1209239 | A | H04L-012/28 | |
| JP 2000507791 | W 17 | H04L-012/54 | Based on patent WO 9827690 |

 Local area transmission of E-mail messages...

...includes forming of routing list based on periodic sending of service
messages by each unit, and evaluation of accessibility of units by
static processing of service messages

...Abstract (Basic): The method involves a user reading or writing a
    message for transmission using the corresponding device , such as a
    scanner (7) connected to computers (8,9). The recorded message is
    converted into E-mail format and is transmitted through the
    communication channel of a message processing system to the
    transmitting side. When the converted message reaches a working
    machine (10), an E-mail mode is realised and a directors control
    unit (11) obtains a request of the address of the E -mail
    corresponding to the number of a fax...

...The control unit locates the corresponding address of the E -mail
    and the working machine (10) transmits the converted message through
    a common telephone circuit (2). A working machine (12) records the...

...during a maximum value of which the message is converted into a fax
    message and transmitted to a gateway (13) with a transmitting and
    receiving function. The converted message is transmitted to a fax
    machine (5) and through a switching normal telephone circuit (4) using

the...

...USE – For processing and **transmission** of E-mail messages in local
network along dynamic route...

...ADVANTAGE – Better **transmission** reliability without use of **directors**
control **device** .

...Title Terms: **TRANSMISSION** ;

22/3,K/15   (Item 6 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

011739706   **Image available**
WPI Acc No: 1998-156616/199814
XRPX Acc No: N98-125241
 Facsimile for transmitting **and receiving image data via communication
 circuit – has central** controller **that appends** sending **ballot provided
 in received** electronic   mail **to** address **of facsimile number input
 from** operation **display and added to image data input by scanner**
Patent Assignee: RICOH KK (RICO)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind Date   Applicat No   Kind   Date   Week
JP 10028188   A   19980127 JP 96182091   A   19960711   199814 B

Priority Applications (No Type Date): JP 96182091 A 19960711
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 10028188   A   10 H04N-001/00

 Facsimile for transmitting **and receiving image data via communication
 circuit...**
 ...**has central** controller **that appends** sending **ballot provided in
 received** electronic   mail **to** address **of facsimile number input from**
  operation **display and added to image data input by scanner**

...Abstract (Basic): plotter (3). A LAN connection interface (11) receives
    an electronic mail from an external terminal **equipment** .
       ...

...The **sending** ballot provided in the received **electronic   mail** is
    appended by a central **controller** (6) to a facsimile number input
    from an **operation** display **unit** (OPU) (1), and added to the image
    data entered by the scanner...

...ADVANTAGE – Reduces facsimile **transmission** work
...Title Terms: **TRANSMIT** ;

22/3,K/16   (Item 7 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

011670373   **Image available**
WPI Acc No: 1998-087282/199808
XRPX Acc No: N98-069293
 Public network **merchandising and payment system** using secure data
 router e.g. using   Internet **– has processor server for band or credit
 card transactions, merchant or service provider system** manager, and
 customer unit **for inputting transaction** request **and payment data**
Patent Assignee: ALLSOFT DISTRIBUTING INC (ALLS-N)
Inventor: COLVIN B
Number of Countries: 077 Number of Patents: 003
Patent Family:

```
Patent No        Kind    Date      Applicat No      Kind    Date      Week
WO 9800948       A1    19980108   WO 97US11649     A     19970627   199808   B
AU 9735151       A     19980121   AU 9735151       A     19970627   199825
US 5825881       A     19981020   US 96671734      A     19960628   199849
```

Priority Applications (No Type Date): US 96671734 A 19960628
Patent Details:
```
Patent No   Kind Lan Pg   Main IPC       Filing Notes
WO 9800948     A1  E  25  H04L-009/00
```
    Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
    CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
    LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG
    UZ VN YU ZW
    Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT
    KE LS LU MC MW NL OA PT SD SE SZ UG ZW
```
AU 9735151      A         H04L-009/00    Based on patent WO 9800948
US 5825881      A         H04L-009/00
```

Public network **merchandising and payment system** using **secure** data
router e.g. using   Internet - ...

...**has processor server for band or credit card transactions, merchant or
service provider system** manager, **and customer** unit **for inputting
transaction** request **and payment data**

...Abstract (Basic): The merchandising system for performing a transaction
   over a **network** has a merchant or service supplier system, a payment
   processing system and a customer system. The latter has a **device** for
   sending a transaction data packet to the merchant system over the
   network that contains information required by the merchant to process
   the transaction. A **device** **sends** a payment transaction to the
   payment processing system for handling the transaction...
...data packet includes confidential information which is not included in
   the merchant data packet. The **network** is a public **network** , and may
   comprise the **Internet** . All three systems communicate in encrypted
   form, and via a master key server...
...Title Terms: **NETWORK** ;

  22/3,K/17   **(Item 8 from file: 350)**
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

011577995   **Image available**
WPI Acc No: 1997-554476/199751
XRPX Acc No: N97-462038
  Luggage sorting apparatus **with automatic identification system for e.g.
  luggage** distribution **industry - has reception** controller **that judges
  dispensing** signal **indicating luggage destination data, so that
  disbursing** device **will dispense luggage to predetermined chute**
Patent Assignee: SANKI KOGYO KK (SAOF)
Number of Countries: 001 Number of Patents: 001
Patent Family:
```
Patent No      Kind    Date      Applicat No      Kind    Date      Week
JP 9267913      A     19971014   JP 9699646       A     19960329   199751   B
```

Priority Applications (No Type Date): JP 9699646 A 19960329
Patent Details:
```
Patent No   Kind Lan Pg   Main IPC       Filing Notes
JP 9267913     A      6   B65G-047/48
```

  Luggage sorting apparatus **with automatic identification system for e.g.
  luggage** distribution **industry**...
...**has reception** controller **that judges dispensing** signal **indicating
  luggage destination data, so that disbursing** device **will dispense
  luggage to predetermined chute**

...Abstract (Basic): The **apparatus** has a supply **unit** (30) which
supplies luggage (50) to tray **device** that is provided with several
sorting machines (20...

...A reading and writing **device** , provided along the supply **unit** , writes
and read the destination data on each luggage to a **transmission** **unit**
(28) of the sorting machine. A reception **controller** (35) judges the
dispensing **signal** from the **transmission** **unit** . A disbursing
device (32) dispenses the luggage to predetermined chute based on the
judgment result...

...position data need not be performed. Ensures highly effective luggage
sorting by ID and destination **data** are read **using** e .g. portal
antenna...
...Title Terms: **APPARATUS** ;

22/3,K/18 **(Item 9 from file: 350)**
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

011498905 **Image available**
WPI Acc No: 1997-476818/199744
XRPX Acc No: N97-397602
Electronic mail apparatus **e.g. personal computer, work station,**
facsimile - transmits electronic mail appended **from file data,**
which is compressed by execution **of compression program selected based**
on compression table, through network unit
Patent Assignee: NEC CORP (NIDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 9223052	A	19970826	JP 9630579	A	19960219	199744	B

Priority Applications (No Type Date): JP 9630579 A 19960219
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9223052	A		6	G06F-012/00	

Electronic mail apparatus **e.g. personal computer, work station,**
facsimile...
... transmits electronic mail appended **from file data, which is**
compressed by execution **of compression program selected based on**
compression table, through network unit

...Abstract (Basic): The **apparatus** has an identifier which shows the
format of a file data to a compression table...

...a memory (30). A file input-output circuit (40) stores a file data, and
a **network** **unit** (50) is connected to a local **network** . A
controller (10) regulates the **transmission** and reception of
electronic mail. Compression and decompression programs are described
by the compression table...

...The file data are compressed through the **execution** of the compression
program selected with reference to the compression table, when the
local **network** is used and the file data in which the identifier is
provided are **transmitted** . The compressed file **data** are **appended**
to **electronic** **mail** and **transmitted** through the **network** **unit** .
...

...ADVANTAGE - Enables reliable and easy repeated use of file data in which
compression **transmission** is performed. Improves efficiency of data
transmission and reception since file data are compressed by optimum
method. Eliminates deterioration of **operation** in connection with data
compression by eliminating data decompression process
...Title Terms: **APPARATUS** ;

011240062   **Image available**
WPI Acc No: 1997-217965/199720
 Information reproducing appts in music data editing system - transmits
  virtual   address   information **to** remote **terminal through interface
  circuit during virtual reproduction**
Patent Assignee: SONY CORP (SONY)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 9063247	A	19970307	JP 95233406	A	19950818	199720	B

Priority Applications (No Type Date): JP 95233406 A 19950818
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9063247	A		9	G11B-027/034	

...   transmits   virtual   address   information **to** remote **terminal
 through interface circuit during virtual reproduction**

...Abstract (Basic): The information reproducing appts (3) includes a
  remote interface circuit (13), through which **instruction** from
  remote terminal (9) of an editing appts (1) is received. The received
   information is fed to a system **controller** (14). The system
  controller then controls a control circuit (13) and reproduction
   circuit (17), and sets an address information to the address generating
   circuit. At the time of virtual reproduction, the system **controller**
   sets the **virtual   address   information** to the **address** generating
   circuit...

...The **virtual   address   information** from the **address** generating
   circuit is **transmitted** to the **remote** terminal through the interface
   circuit. The information **signal** from the reproduction circuit (17) is
   transmitted to the information input terminal (11) of the editing
   appts through an information **transmission** circuit (18...
...Title Terms: **APPARATUS** ;

011093425   **Image available**
WPI Acc No: 1997-071350/199707
XRPX Acc No: N97-059129
   Network   controller   using **telephone circuit for** e.g. **voice
  service,** data **communication** - has data transceiver which **performs** data
  communication between terminal and telephone circuit through
  communication channel, formed by channel formation device, **based on
  indication from dialing** device
Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 8317076	A	19961129	JP 95119409	A	19950518	199707	B

Priority Applications (No Type Date): JP 95119409 A 19950518
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8317076	A		10	H04M-011/00	

   Network   controller   using **telephone circuit for** e.g. **voice**

service, data communication...
...performs data communication between terminal and telephone circuit
through communication channel, formed by channel formation device,
based on indication from dialing device

...Abstract (Basic): The controller (1) has a talking path setting manual
    circuit (6) which determines whether a talking path is formed by a
    talking path formation circuit (2) to user operation . A manual
    closing motion display unit (8) notifies whether the talking path is
    formed to a terminal. A telephone number designated as a connection
    demand to the talking path is transmitted as a selecting signal by
    a dialing device (5) after forming the talking path to the terminal
    ...

...the talking path is not formed from the notification of the manual
    closing motion display unit when the terminal performs data
    communication. The data communication is performed by a data
    transceiver...

...the terminal and the telephone circuit through a communication channel
    formed by a channel formation device (3) based on the indication of
    the dialing device .
        ...
...and data communication without generating impedance mismatching.
    Prevents making voice small and obtains simple integrated operation
    system. Provides good system with versatility of telephone and enables
    utilising personal computer as terminal
Title Terms: NETWORK ;

22/3,K/21   (Item 12 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

011011097   **Image available**
WPI Acc No: 1996-508047/199651
XRPX Acc No: N96-428077
 SDH optical data transmission ring network - has two optical fibres
 which send information in opposite directions and pass through
 add-drop multiplexers positioned at nodes and controlled by network
  manager
Patent Assignee: FRANCE TELECOM (ETFR); BLAIN L (BLAI-I); HAMEL A
    (HAME-I); SUTTER A (SUTT-I)
Inventor: BLAIN L; HAMEL A; SUTTER A
Number of Countries: 005 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 743772	A1	19961120	EP 96401052	A	19960514	199651	B
FR 2734437	A1	19961122	FR 955834	A	19950517	199703	
US 5760934	A	19980602	US 96643459	A	19960508	199829	

Priority Applications (No Type Date): FR 955834 A 19950517
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 743772	A1	F	14	H04J-014/02	

    Designated States (Regional): DE GB IT

FR 2734437	A1			H04L-012/42	
US 5760934	A			H04J-014/02	

 SDH optical data transmission ring network - ...

...has two optical fibres which send information in opposite directions
and pass through add-drop multiplexers positioned at nodes and controlled
by network manager

...Abstract (Basic): The network includes a number of electronic add-drop
    multiplexers (ME1-ME4) and a first aggregate data transmission

interface (E) which **inserts** **information** into a first fibre (F1)
and extracts information from a second fibre (F2). A second aggregate
data **transmission** interface (O) inserts information into the second
fibre and extracts it from the first. At...

...ADVANTAGE - Increases capacity and reduces **equipment** required for low
cost **network** . Organisation is independent of node order to protect
against damage to communication link...
...Title Terms: **TRANSMISSION** ;

22/3,K/22   (Item 13 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

010752465   **Image available**
WPI Acc No: 1996-249420/199625
XRPX Acc No: N96-209673
 Image input unit **e.g. scanner - has electronic mail** transmitter **that**
 transmits **image** data **through** electronic   mail **by** adding
 transmission **destination address information that reads image data of**
memory
Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 8102837   A   19960416 JP 94236743   A   19940930 199625 B

Priority Applications (No Type Date): JP 94236743 A 19940930
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 8102837   A   11 H04N-001/32

 Image input unit **e.g. scanner**...

...**has electronic mail** transmitter **that** transmits **image** data **through**
 electronic   mail **by** adding   transmission **destination address**
information that reads image data of memory

...Abstract (Basic): The **unit** (100) reads an image and outputs an image
   data when the reading start button of a scanner **controller** (102) is
   pressed. The image data is stored in a memory (103). A display
   controller (105) selects and displays the image data sent by a scanner
   (101) on a display (104). A key pad (106) is provided as the input for
   transmission destination of an electronic mail...

...A key pad **controller** (107) outputs the equivalent ASCII code corresp.
   to the input from the key pad. An electronic mail **transmitter** (108)
   outputs an **electronic mail** by **adding** the **transmission**
   destination **address information** on an **electronic mail** that
   reads the image data of the memory from the key pad. A **network**
   connector outputs the **signal** sent by the electronic mail **transmitter**
   to a **network** .
       ...

...ADVANTAGE - Memory with low storage capacity can be used since load of
   network is reduced. **Transmits** input image data to several partners
   by direct electronic mail from image input **unit** .

...Title Terms: **UNIT** ;

22/3,K/23   (Item 14 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

010344496   **Image available**

WPI Acc No: 1995-246584/199532
XRPX Acc No: N95-191486
 Data communications device **having user programmable multichannel pager
 or electronic mail receiver - has modem circuitry supporting data and
 voice** transmission, **with RF** controller **processing frequency change
 control** signal **to enable tuning to desired channel**
Patent Assignee: NOVALINK TECHNOLOGIES INC (NOVA-N); FLAT CONNECTIONS INC
 (FLAT-N)
Inventor: CHANG W Y; KRISHAN B
Number of Countries: 059 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9518491	A2	19950706	WO 94US14926	A	19941222	199532	B
AU 9515193	A	19950717	AU 9515193	A	19941222	199544	
WO 9518491	A3	19950817	WO 94US14926	A	19941222	199619	
US 5822692	A	19981013	US 93174797	A	19931229	199848	
			US 96706521	A	19960904		

Priority Applications (No Type Date): US 93174797 A 19931229; US 96706521 A
 19960904
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9518491	A2	E	53	H04B-001/38	

    Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE
    ES FI GB GE HU JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW NL NO NZ PL
    PT RO RU SD SE SI SK TJ TT UA UZ VN
    Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC
    MW NL OA PT SD SE SZ

Patent No	Kind			Main IPC	Filing Notes
AU 9515193	A			H04B-001/38	Based on patent WO 9518491
US 5822692	A			H04Q-007/00	Cont of application US 93174797
WO 9518491	A3			H04B-001/38	

 Data communications device **having user programmable multichannel pager
 or electronic mail receiver...**

 ...has modem circuitry supporting data and voice transmission, **with RF**
  controller **processing frequency change control** signal **to enable tuning
 to desired channel**

 ...Abstract (Basic): The data communication **device** has an antenna for
    receiving RF **signals** . A RF receiver is tunable between several
    channels, and demodulates the RF **signals** into digital data corresp.
    to a message. The receiver senses channel selection control data that
    ...

 ...decoder determines if the message is addressed to a partic. user, and a
    channel switching **device** receives a frequency-change control **command**
    that corresponds to a user-selected channel. A Rf **controller**
    processes the frequency change control **command** to generate channel
    selection control data, which it passes to the receiver to cause it...

 ...ADVANTAGE - User can update firmware or it can be updated **remotely
    using** pager or e **-mail** receiver. Uses only single slot or port of
    host computer. Prevents local telephone office from placing 'fast busy'
    signal on telephone line. Allows user to scan more than one pager
    channel...
 ...Title Terms: **DEVICE ;**

 22/3,K/24   (Item 15 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

009521144   **Image available**
WPI Acc No: 1993-214685/199327
XRPX Acc No: N93-165001
    Electronic   information **exchange system** using   TV   network - **uses**

controller **to select and store information and domestic** TV set **to view
such data, with** controller **programmed via** remote **control** unit, **also
governing** TV set
Patent Assignee: WHEELER R W (WHEE-I)
Inventor: WHEELER R W
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
CA 2059366	A	19930424	CA 2059366	A	19920115	199327	B

Priority Applications (No Type Date): US 91781386 A 19911023
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2059366	A		39	H04N-007/08	

Electronic information **exchange system** using TV network - ...
...**uses** controller **to select and store information and domestic** TV set
to view such data, with controller **programmed via** remote **control**
unit, **also governing** TV set

...Abstract (Basic): The informaiton exchange system includes a **device**
which receives and stores information at a central data base, and a
transmitter outputting the stored information over a unidirectional
communications channel. A local information exchange has a...

...A display for the selected information has an interface connected to a
television set, and a **controller** governs the selector and the
display. A **remote** control **unit** is used to program the **controller**,
and a bidirectional channel communicates information from the local
exchange to a **remote** receiver, under **instruction** from the
controller .

...Title Terms: **TELEVISION** ;

22/3,K/25   (Item 16 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

009430074   **Image available**
WPI Acc No: 1993-123590/199315
XRPX Acc No: N98-260501
 Office information system containing multiple work stations connected via
network - **includes** transmitter **for** attaching **control** information
to E- mail **and** sending information via **mail route specified in
control information**
Patent Assignee: HITACHI LTD (HITA)
Inventor: AOYAMA T; HAGA H; MASUI S; OBA M; TANIGUCHI Y; TSUJI H; WAKAYAMA
    S
Number of Countries: 002 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 5063728	A	19930312	JP 91222693	A	19910903	199315	B
US 5764898	A	19980609	US 92937748	A	19920901	199830	
US 6047315	A	20000404	US 92937748	A	19920901	200024	
			US 9865462	A	19980424		

Priority Applications (No Type Date): JP 91222693 A 19910903
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 5063728	A		12	H04L-012/54	
US 5764898	A		15	G06F-013/00	
US 6047315	A			G06F-013/00	Div ex application US 92937748
					Div ex patent US 5764898

 Office information system containing multiple work stations connected via
network - ...

...includes transmitter for attaching control information to E-
   mail and sending information via mail route specified in control
  information

...Abstract (Basic): The system includes a definition unit operable as a
   sending work station for defining control information specifying a
   mail route, one authorized user in each...

...and authorized to be conducted by various authorized user in each
   receiving work station. A transmitter attaches the control
   information to electronic mail for sending the information
   attached electronic mail via the mail route specified in the
   control information...
...A memory stores the information of an operation log containing an
   action for the mail conducted by the authorized user of each receiving
   work station. A controller refers to both the defined control
   information received from the transmitting work station and the log
   information from its own memory thereby guiding the authorized user...
...Title Terms: NETWORK ;

  22/3,K/26   (Item 17 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

009025477   **Image available**
WPI Acc No: 1992-152837/199219
XRPX Acc No: N92-114021
 Address recognition system for communication network - uses identifier
 frame within data and recognition circuit at receiving electronic module
Patent Assignee: REGIE NAT USINES RENAULT (RENA)
Inventor: ARTHUR P; MERCIER O; ARTUR P
Number of Countries: 006 Number of Patents: 003
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
EP 484212   A   19920506   EP 91402854   A   19911025   199219 B
FR 2668624   A1   19920430   FR 9013436   A   19901030   199227
EP 484212   B1   19960724   EP 91402854   A   19911025   199634

Priority Applications (No Type Date): FR 9013436 A 19901030
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
EP 484212   A F   8
EP 484212   B1 F   8 G08C-015/00
   Designated States (Regional): BE DE ES GB IT
 Address recognition system for communication network -

...Abstract (Basic): Data is transmitted in the form of frames of digital
   signals comprising a field identifier and a data field. The device
   includes a selection identifier (1) outside a transmission protocol
  controller . A link (2) is provided to load the selection device with
   the identifier field of an examined signal frame in the controller .
     ...

...A volatile memory is provided in the selection device to be loaded
   with one or more identifiers to be recognised, and there is a...

...USE - Multiplex communication network for local communication within
   vehicle
...Abstract (Equivalent): Device for recognition of addresses for an
  electronic module for processing data transmitted according to a
   pre-determined protocol, verified by a protocol controller , in the
   form of frames of digital signals comprising an identifier field
   containing an address and a data field, characterised in that it
   comprises a unit for selecting an identifier (1), external to the
   protocol controller , means (2) for connecting the protocol

controller and the selection **unit** for loading the **unit** with the
  field identifying a **signal** frame examined in the **controller** , a
  random access memory provided in the selection **unit** (1), for being
  loaded with one or more pre-determined identifiers to be recognised and
  ...

...for comparing the identifiers received and the identifiers placed in the
  memory to form a **signal** (ADE) intended for the protocol **controller**
  and representative of whether the field received is recognised or not
...Title Terms: **NETWORK** ;

22/3,K/27   (Item 18 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

009025280   **Image available**
WPI Acc No: 1992-152640/199219
XRPX Acc No: N92-113876
  **ASCII to ASCII transfer between computers using fax protocol - converts
  file to fax graphical image,** transmits **it using standard fax protocol,
  then converts received file back to ASCII**
Patent Assignee: HEWLETT-PACKARD CO (HEWP); KOCHIS R L (KOCH-I)
Inventor: CHAVEZSIMM M A; KOCHIS R L; CHAVEZ-SIMMONS M A
Number of Countries: 004 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 483984	A	19920506	EP 91309152	A	19911007	199219	B
JP 4289943	A	19921014	JP 91286260	A	19911031	199248	
US 5218458	A	19930608	US 90606250	A	19901031	199324	
EP 483984	A3	19920826	EP 91309152	A	19911007	199337	
EP 483984	B1	19960911	EP 91309152	A	19911007	199641	
DE 69122033	E	19961017	DE 622033	A	19911007	199647	
			EP 91309152	A	19911007		

Priority Applications (No Type Date): US 90606250 A 19901031
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 483984	A	E	14		
US 5218458	A		12	H04M-011/00	
EP 483984	B1	E	15	H04N-001/00	

    Designated States (Regional): DE GB

DE 69122033	E			H04N-001/00	Based on patent EP 483984
JP 4289943	A			G06F-013/00	

... **converts file to fax graphical image,** transmits **it using standard
  fax protocol, then converts received file back to ASCII**

...Abstract (Basic): The system transfers an ASCII **data** file, e .g. **via**
  . a switched telephone **network** , between computers respectively
  connected to FAX **transmitting** and receiving facilities. The system
  directs, e.g. by file transfer **command** , the FAX **transmitting**
  facility to convert the data from the first computer into a FAX
  graphical image and **send** that to the FAX receiving facility...

...The system similarly directs the FAX receiving facility to **send** the
  received FAX image to the second computer, where it is converted back
  to an...
...capable of using the CCITT standard FAX protocol rather than be
  independently capable of directly **transmitting** an ASCII file. Noise
  introduced by printing and rescanning eliminated
...Abstract (Equivalent): first computer system (202) to a second computer
  system (224), the system comprising: a FAX **transmitting** facility
  (232) connected to the first computer system (202); a FAX receiving
  facility (234) connected to the second computer system (224); means
  (208, 218, 220) for connecting said FAX **transmitting** facility (232)
  to said FAX receiving facility (234); means (706) for directing said

FAX **transmitting** facility (232) to convert the ASCII data file
received from the first computer system (202) into a FAX graphical
image **signal** and to **send** said FAX graphical image **signal** to said
FAX receiving facility (234); means (618) for directing said FAX
receiving facility (234) to **send** said FAX graphical image **signal** ,
received from said FAX **transmitting** facility (232) to the second
computer system (224), said means for directing said FAX receiving
facility (234) comprising a **remote** file transfer **command** sent (618)
to said FAX receiving facility by said FAX **transmitting** facility; and
means (712, 714, 716) located in said second computer system (224) for
receiving and converting said FAX graphical image **signal** into the
ASCII data file
...Abstract (Equivalent): data file from a first computer system to a
second computer system comprises a FAX **transmitting** facility
connected to the first computer system; and a FAX receiving facility
connected to the...

...A **unit** connects the FAX **transmitting** facility to the FAX receiving
facility. The FAX **transmitting** facility is directed to convert the
data file received from the first computer system into a FAX graphical
image and **send** the FAX graphical image to the FAX receiving facility
...

...A **controller** further directs the FAX receiving facility to **send** the
FAX graphical image received from the FAX **transmitting** facility to
the second computer system. The means for directing the FAX receiving
facility comprises a **remote** file transfer **command** sent to the FAX
receiving facility by the FAX **transmitting** facility...

...ADVANTAGE - Avoids requirement that both FAX is be capable of directly
transmitting ASCII file
...Title Terms: **TRANSMIT** ;

22/3,K/28   (Item 19 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

008998204   **Image available**
WPI Acc No: 1992-125477/199216
XRPX Acc No: N92-093822
  Improved information processing network - **includes primary** directory
  hardware lock multiple processing devices, **lock acquired** signal
  generator and transmission devices
Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: EIKILL R G; LEVENSTEIN S B; MCMAHON L A; WEIGEL J P
Number of Countries: 004 Number of Patents: 003
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
EP 480858   A   19920415   EP 91480134   A   19910829   199216 B
EP 480858   A3   19930512   EP 91480134   A   19910829   199402
US 5339397   A   19940816   US 90596812   A   19901012   199432

Priority Applications (No Type Date): US 90596812 A 19901012
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
EP 480858   A   E   17
   Designated States (Regional): DE FR GB
US 5339397   A   15 G06F-012/10
 Improved information processing network - ...

...**includes primary** directory **hardware lock multiple processing** devices
 , **lock acquired** signal **generator and** transmission devices

...Abstract (Basic): or more disc drives (30) and an interface (26) to
  couple these elements. A primary **directory** (124) in the main storage
  contains the virtual to real address mapping tables...

...42,82,84,86) in the processors duplicate some of this mapping
   information. A primary **directory** lock inhibits access to the
   translation table but address translations in progress are first
   completed before the primary **directory** is updated...

...USE/ADVANTAGE - Eliminates unnecessary quiesces and purges of the
   look-aside buffers thus substantially improving **network** performance
   ...

...Abstract (Equivalent): The information processing **network** includes
   multiple processing **devices** , a main storage memory, one or more disk
   drives or other auxiliary storage **devices** , and an interface for
   coupling the processing **devices** to the main storage memory and the
   auxiliary **devices** . A primary **directory** in main storage contains
   mapping **information** for translating **virtual** **addresses** to real
   addresses in main storage. Look-aside buffers in the processing
   devices duplicate some of the mapping information...

...A primary **directory** hardware lock, subject to exclusive control by any
   one of the processing **devices** to update the primary **directory** ,
   inhibits access to the primary **directory** based on hardware address
   translations initiated when one of the processors holds the primary
   directory lock. Address translations in progress when the lock is
   acquired proceed to completion before the primary **directory** is
   updated under the lock. Accordingly, such updates proceed atomically
   relative to hardware primary **directory** searches...

...ADVANTAGE - Unnecessary quiesces and purges of look-aside buffers are
   eliminated, substantially improving **network** performance...
...Title Terms: **NETWORK** ;

 22/3,K/29   (Item 20 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

004836801
WPI Acc No: 1986-340142/198652
XRPX Acc No: N86-253846
 Data processing system esp. for restaurant - has two-way partial total
 transfer between central control system and slave systems
Patent Assignee: CASIO COMPUTER CO LTD (CASK)
Inventor: YAGI S
Number of Countries: 003 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 3619880	A	19861218	DE 3619880	A	19860613	198652	B
GB 2176921	A	19870107	GB 8613300	A	19860602	198701	
GB 2176921	B	19881221				198851	
DE 3619880	C	19891207				198949	
US 5018066	A	19910521	US 88283023	A	19881209	199123	

Priority Applications (No Type Date): JP 85131383 A 19850617
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3619880	A		53		

...Abstract (Basic): slave system, e.g.cash register, connected to a master
   system contains sales data input **devices** , partial total calculators
   based on receipt values and partial total **transmitters** to the master
   system. The master system contains a partial total receiver, a partial
   total memory, and a **transmitter** to transfer partial totals to any
   requesting slave system...

...The partial totals are transferred back to the slave systems for
   addition of new input **data** , e .g. prices of **additional** items
   ordered...

...ADVANTAGE - Less data needs to be **transmitted** . (53pp Dwg.No.3/14)
...Abstract (Equivalent): register system of the type that may be used in
    restaurants has a number of **distributed** registers that are linked via
    a data bas to a central computer facility...
...Abstract (Equivalent): for a restaurant, comprising: a plurality of
    input terminals (1, 2) for inputting data, control **apparatus** (3)
    connected to the input terminals, and a plurality of output terminal
    means (5)connected to receive **signals** from the control **apparatus**
    (3) to produce output data, said output data corresponding to data
    which is input by...

...data, per item, which is input by the input means; and (c) evaluating
    means for **transmitting** to the control **apparatus** (3) the
    identification data which is input by the inputting means, for
    receiving from the control **apparatus** (3) the sales data associated
    with an ordering entity defined by the identification data, for...

...the inputting means, for evaluating new sales data associated with the
    ordering entity, and for **transmitting** said evaluated new sales data
    to the control **apparatus** (3); wherein said control **apparatus** (3)
    includes: (a) sales data memory means for storing the sales data per
    ordering entity; and (b) **transmit** / receive control means for
    receiving identification data from the input terminals (1, 2), for
    reading...

...response to the identification data, corresponding sales data from the
    sales data memory means and **transmitting** it to the corresponding
    input terminal, for receiving from said input terminal (1, 2) said...
...Abstract (Equivalent): The data processing system comprises a system
    controller and a number of ECRs connected to the system **controller** .
    Each ECR has a keyboard for inputting sales data per slip number
    (kind). The ECR obtains the subtotal per kind of the input sales data.
    The subtotal is **transmitted** to the system **controller** . The
    controller receives the subtotal data per slip number which is
    transmitted from the ECR and stores the subtotal data per slip number.
    When an additional registration is performed, the ECR receives the
    subtotal data regarding the slip number from the system **controller**
    and adds the additionally registered sales data to this subtotal data.
    The **controller** stores this newly obtained data as the subtotal data
    regarding the slip number...

...When the subtotal data is **transmitted** to the ECR and the process
    regarding this subtotal data is being **executed** in the ECR, the system
    controller doesn't **transmit** this subtotal data to the other ECR
    until the process ends in the ECR...

22/3,K/30   (Item 21 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

003861370
WPI Acc No: 1984-006897/198402
XRPX Acc No: N84-005061
    Distributed-**control telephone exchange PCM switching** network - **has
microprocessor controlled switching** units, **including pair of matrices,
and ancillary circuits for diagnosis and message exchanging**
Patent Assignee: CSELT CENT STUDI LAB TELECOM SPA (CSEL)
Inventor: BELFORTE P; GARETTI E; PILATI L
Number of Countries: 016 Number of Patents: 010
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 97360	A	19840104	EP 83106038	A	19830621	198402	B
AU 8315905	A	19840105				198408	
JP 59006695	A	19840113	JP 83110274	A	19830621	198408	
DK 8302863	A	19840213				198413	
ES 8405223	A	19840901				198447	

```
US 4550398    A    19851029  US 83506709    A    19830622  198546
CA 1206240    A    19860617                                 198629
EP 97360      B    19870916                                 198737
DE 3373770    G    19871022                                 198743
IT 1156369    B    19870204                                 198907
```

Priority Applications (No Type Date): IT 8267790 A 19820622
Patent Details:
```
Patent No  Kind Lan Pg   Main IPC    Filing Notes
EP 97360        A  E  42
   Designated States (Regional): AT BE CH DE FR GB LI NL SE
EP 97360        B  E
   Designated States (Regional): AT BE CH DE FR GB LI NL SE
```

Distributed-**control** telephone exchange **PCM switching** network - ...

...**has microprocessor controlled switching** units, **including pair of
matrices, and ancillary circuits for diagnosis and message exchanging**

...Abstract (Basic): The **network** has several time division stages,
   belonging to a telephone exchange. It also comprises folded modular
   switching **units** . Each switching **unit** has a pair of integrated
   circuit switching matrices under the control of a local **network
   controller** in the form of a microprocessor. An input, and a corresp.
   output, link from an to a contiguous stage, or from and to a **network**
   periphery, is incorporated in each switching **unit** .
      ...
...Each matrix and periphery **unit** is associated with integrated circuits
   providing, on one or more of the links, a number of virtual channels
   for **transmission** of messages in a **direction** opposite to that of
   speech **transmission** . Integrated ancillary circuits are also provided
   for **message** exchanges, **using** the **virtual** channels. The latter
   form a dialogue **network** between **controllers** , independent of the
   speech **network** . The switching **network** also has integrated ancillary
   circuits for diagnostics
Title Terms: **DISTRIBUTE**

```
File    9:Business & Industry(R) Jul/1994-2000/Aug 23
           (c) 2000 Resp. DB Svcs.
File   15:ABI/Inform(R) 1971-2000/Aug 23
           (c) 2000 Bell & Howell
File  484:Periodical Abstracts Plustext 1986-2000/Aug W2
           (c) 2000 Bell & Howell
File  553:Wilson Bus. Abs. FullText 1982-2000/Jul
           (c) 2000 The HW Wilson Co
File  813:PR Newswire 1987-1999/Apr 30
           (c) 1999 PR Newswire Association Inc
File  624:McGraw-Hill Publications 1985-2000/Aug 22
           (c) 2000 McGraw-Hill Co. Inc


Set      Items     Description
S1     2296626     REMOT? OR NETWORK? OR INTERNET OR WWW OR WORLD()WIDE()WEB -
                   OR (WIDE OR LOCAL)()AREA()NETWORK? OR WAN OR DISTANT OR DISTR-
                   IBUT?
S2      579554     SEND OR SENDING OR SENDS OR TRANSMIT? OR TRANSMISSION? ?
S3     2878515     COMMAND? OR INSTRUCTION? OR DIRECTION? OR OPERATION? ? OR -
                   SIGNAL? ? OR ACTIVAT? OR EXECUT? OR REQUEST? OR TURN?()ON
S4     2105232     CONTROLLER? OR MANAGER? OR DIRECTOR?
S5     1801821     DEVICE? OR UNIT? ? OR PERIPHERALS? ? OR VIDEO()DECK? ? OR -
                   APPARATUS OR EQUIPMENT?
S6      831593     APPLIANCE? ? OR (HOME OR HOUSE)(3N)APPLIANCE? OR STOVE? ? -
                   OR MICROWAVE OR LIGHTS OR LIGHTING OR VCR OR TV OR TELEVISION
S7         344     ELECTRIC?()POWER()GRID? ?
S8        2274     (SMART OR INTELLIGENT)(3N)(HOUSE? OR HOME?)
S9     3849227     EMBED? OR COMBIN? OR AFFIX? OR ADJOIN? OR JOIN? OR ATTACH?
                   OR ADD? OR INSERT? OR AUGMENT? OR APPEND? OR INCORPORAT?
S10     336062     (ELECTRONIC OR E OR VIRTUAL)(3N)(MAIL OR MESSAGE? OR DATA -
                   OR INFORMATION) OR EMAIL
S11         66     S8(S)S10
S12       5820     S1(5N)S2(3N)S3
S13     127126     S4(S)(S5 OR S6 OR S7)
S14      38766     S9(5N)S10
S15          0     S12(S)S13(S)S14
S16          0     S12(S)S13(S)(USING OR VIA)(3N)S10
S17         87     S12(S)S13
S18          0     S17(S)S8
S19         24     S11 NOT (PY=>1997 OR PD=>970318)
S20         21     RD S19 (unique items)
S21         30     S13(10N)S8
S22          5     S21(S)INTERNET
S23          1     S22 NOT (PY=>1997 OR PD=>970318)
S24         43     S17 NOT (PY=>1997 OR PD=>970318)
S25         43     RD S24 (unique items)
S26         43     S25 NOT (S20 OR S23)
S27         43     RD S26 (unique items)
S28          0     S27(S)S10
```

20/3,K/1   (Item 1 from file: 9)
DIALOG(R)File   9:Business & Industry(R)

01673043 (USE FORMAT 7 OR 9 FOR FULLTEXT)
GREATER DRAW
(Philips Home Services expects smart cards to be used in Europe before US;
it is starting tests in Sweden and the Netherlands in 1997)
Card Fax, v 96, n 214, p 2
November 27, 1996
DOCUMENT TYPE: Newsletter; News Brief   (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 92

 (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
GREATER DRAW: Philips **Home** Services is expecting **smart** cards to be used
with its screen phones in Europe before they are used in...

...there than in the U.S. Philips screen phones bundle services such as
caller identification, **electronic   mail** via the Internet and access to
stored-value accounts.
...

20/3,K/2   (Item 2 from file: 9)
DIALOG(R)File   9:Business & Industry(R)

01536355 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Acorn NetStation to be launched in October
(NChannel International to launch Acorn's first network computer, allowing
simplified Internet access via a TV set, in October)
Multimedia Business Analyst, n 18, p 1
June 26, 1996
DOCUMENT TYPE: Newsletter ISSN: 1357-0080   (United Kingdom)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 341

 (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...enabling consumers to access the Internet via a remote-control handset.
Users have their own e -**mail** address and **smart** card for **home**
shopping, and all the applications software is stored on a central network
server. Software rental...

20/3,K/3   (Item 3 from file: 9)
DIALOG(R)File   9:Business & Industry(R)

01371861 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Screen Phones Learn New Tricks
(US Order adds new applications to PhonePlus smart phones, including direct
page messaging and e-mail)
Financial Service ONLINE, p 9
January 1996
DOCUMENT TYPE: Journal (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 412

 (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...product, which is manufactured by Redwood City, Calif.-based VeriFone

Inc. The additions, which include e -mail , direct pager messaging and
visual directory assistance, are available for the first time on a device
that also includes enhanced telephone features and access to home
banking.

"In the smart phone, we're witnessing the convergence of the telephone
and the personal computer," says John...

20/3,K/4   (Item 4 from file: 9)

01342537 (USE FORMAT 7 OR 9 FOR FULLTEXT)
NetWare Coming to a TV Near You
**(Novell Inc and Stellar One Corp form partnership to put Nested NetWare
 technology on a television set top box, allowing direct network access
 through the tv)**
CommunicationsWeek, n 586, p 19
November 27, 1995
DOCUMENT TYPE: Journal ISSN: 0748-8121 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 253

 (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...camera in the home, including remote control of the camera, lights and
VCR; and an intelligent home -security system. Wireless paging, remote
access to Novell's GroupWise schedules, electronic mail exchange and
remote document processing and printing also were part of the
demonstration.

The partnership...

20/3,K/5   (Item 5 from file: 9)

01198071 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Nabisco Net Brings Sweet Success
(Nabisco relies on intelligent agents, moves toward Microsoft Windows NT)
CommunicationsWeek, n 558, p 1+
May 22, 1995
DOCUMENT TYPE: Journal ISSN: 0748-8121 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1205

 (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...more efficiently.

This all comes together through an Executive Information System. Using
Microsoft's MS-**Mail electronic** -mail system as the transport,
homegrown intelligent agents fetch business-related information from
news wires, sales and revenue data from ISIS, and...

20/3,K/6   (Item 6 from file: 9)

01195225 (USE FORMAT 7 OR 9 FOR FULLTEXT)
SMART SECOND CITY
(Stored-value smart card programs are hot)

Card Fax, p 1
May 17, 1995
DOCUMENT TYPE: Newsletter; News Brief   (United States)
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 195

 (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...announced plans with two Canadian banks to pilot its electronic purse
product in North America.

Electronic   Data Systems, which is scheduled to take over as Cash
Station's processor in November, will process transactions in the Smart
City pilot.   EDS will begin a 350-card in-**house** stored-value **smart** card
program at EDS' Morris Plains, NJ, headquarters later this month.   ...

 20/3,K/7   (Item 7 from file: 9)
DIALOG(R)File   9:Business & Industry(R)
(c) 2000 Resp. DB Svcs. All rts. reserv.

01163215 (USE FORMAT 7 OR 9 FOR FULLTEXT)
One-piece Aptiva may land in U.S.
(IBM may release a one-piece Aptiva Vision system in the US; it will
 consider IBM/Cyrix-made 586-class CPUs)
Computer Retail Week, v 5, n 94, p 1+
April 03, 1995
DOCUMENT TYPE: Journal   ISSN: 1066-7598   (United States)
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 539

 (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...by the fall.   Other technologies IBM alluded to included 3-D surround
wavetable audio, "interactive **smart**   **house** " and voice-synthesized
electronic   **mail** . He declined to discuss specifics.

But Garcia last week acknowledged that IBM has been slow...

 20/3,K/8   (Item 8 from file: 9)
DIALOG(R)File   9:Business & Industry(R)
(c) 2000 Resp. DB Svcs. All rts. reserv.

01137654 (USE FORMAT 7 OR 9 FOR FULLTEXT)
The future is now. Part 2: Advanced payment technologies
(Bank of Montreal adds corporate bill payment service to its Directline
 home banking; Universal Bidirectional Interactive tests smart card system
 in Saguenay)
Electronic Payments International, n 95, p N/A
March 1995
DOCUMENT TYPE: Newsletter   ISSN: 0954-0393   (Ireland)
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 1395

ABSTRACT:
Canadian institutions are investing heavily in a variety of advanced
electronic payments projects, from **home** banking to **smart** cards. The
Bank of Montreal recently added a corporate bill payment service to its
Directline...

...14,000 Saguenay homes as the system's first test. UBI allows consumers
to use **electronic**   **mail** , order television products and download value to
smart cards issued as part of the UBI...

20/3,K/9   (Item 1 from file: 15)

01358117 00-09104
Internet smart phone dials new markets
Simon, Robert; Brenner, Thomas
Electronic Engineering Times   n928   PP: 90   Nov 18, 1996
ISSN: 0192-1541   JRNL CODE: ELET
WORD COUNT: 1338

...TEXT: cost, easy-to-use tool.

Financial programs, including home banking and stock trading, along with **e
-mail** are good applications for a device that combines telephony features
with computing and Internet-access...

... migrated to both the telephone touch-tone pad and the computer,
requiring two devices for **home** access. The Internet **smart** phone brings
all the necessary capabilities together in one device.

Moreover, combining voice and e...

20/3,K/10   (Item 2 from file: 15)

01266847 99-16243
Appliances on-line
Berardinis, Lawrence A
Machine Design   v68n14   PP: 72-79   Aug 8, 1996
ISSN: 0024-9114   JRNL CODE: MDS
WORD COUNT: 2046

...TEXT: some point, the valve may be integrated as well.

WEAVING THE WEB

According to International **Data** Corp., an **electronic** market research
company, by the year 2000, 22% of all Internet-access devices will be
machines other than PCs. This is sure to include **smart   household**
appliances, although the Internet is only one avenue by which such washers,
dryers, and refrigerators...

20/3,K/11   (Item 3 from file: 15)

01259181 99-08577
Distributors open fire in Internet battle
Longwell, John
Computer Reseller News Distributor Census 1996 Supplement PP: 11-14 Jul
15, 1996
ISSN: 0893-8377   JRNL CODE: CRN
WORD COUNT: 1843

...ABSTRACT: online configurators. At the heart of the struggle to
establish such online systems are distributors' **information** warehouses.
The **electronic** warehouses allow resellers to search for products by
specification, compare prices and features, and glean...

... resellers to specify a system and verify whether it will work, drawing
upon compatibility data **housed** in the database. **Intelligent**
Electronics Inc. is offering resellers access to online configuration

through the Internet with its Iris...

20/3,K/12   (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01081208 97-30602
Narrow focus reveals big picture
Kyzer, Gwenn
Marketing Research: A Magazine of Management & Applications v7n2 PP:
26-31 Spring 1995
ISSN: 1040-8460 JRNL CODE: MRE
WORD COUNT: 2239

...TEXT: information available for legally permissible purposes).

We derive some of our behavioral products from modeled **data** --i.e .,
 information   inferred from the analysis of available data. For example,
TRW's **Smart**   products associate **households** with products and services
that they have a high propensity to use on the basis...

20/3,K/13   (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01058415 97-07809
New networks: Plug and play
Anonymous
Economist v335n7920 PP: 77 (UK 111) Jun 24, 1995
ISSN: 0013-0613 JRNL CODE: ECT
WORD COUNT: 959

...TEXT: appliances, read meters and monitor usage. With this it hopes to
lay the foundation for "**smart homes** " with networked appliances: imagine
a dishwasher that asks if you are willing to wait three...

... worth of electricity, or burglar alarms that can tell your pc to send
you an **e mail** all-clear.

Over the next two years, boxes using the same technology and reaching data
...

20/3,K/14   (Item 6 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00855192 95-04584
Bank Facts 1994
Anonymous
Canadian Banker v101n3 PP: SSCover-SS29 May/Jun 1994
ISSN: 0822-6830 JRNL CODE: CBI
WORD COUNT: 8505

...ABSTRACT: technology has allowed banks to offer a variety of new
products and services, such as **home** banking, debit cards, **smart** cards
and **electronic data** interchange.   ...

20/3,K/15   (Item 7 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00486590 90-12347
Processing Power Returned to Bank's Big Customers

Arend, Mark
Wall Street Computer Review   v7n5   PP: 8-10, 74, 82   Feb 1990
ISSN: 0738-4343   JRNL CODE: WSC

...ABSTRACT: the master trust pension division of Bankers Trust Co. has
been installing BT-World, an **electronic information** service based on
the IBM PS/2 workstation and the Microsoft Windows environment, at client
...

... clients with on-site customization capability,   consists of a host
computer,   a telecommunications link, an **intelligent** workstation **housed**
at the client site,   and software installed on the workstation. Bankers
Trust has reached marketing...

20/3,K/16   (Item 1 from file: 484)
DIALOG(R)File 484:Periodical Abstracts Plustext
(c) 2000 Bell & Howell. All rts. reserv.

03063999   (USE FORMAT 7 OR 9 FOR FULLTEXT)
The ultimate home PC
Thomas, Susan Gregory
US News & World Report (GUNW), v121 n21, p90-100, p.7
 Nov 25, 1996
 ISSN: 0041-5537   JOURNAL CODE: GUNW
 DOCUMENT TYPE: Feature
 LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1938

TEXT:
...   describe the phenomenon is "convergence."
    Besides being the usual generator of reports, homework, newsletters
and **Email** and a Web center, a convergent PC can be a telephone center
that will take...

...it might make coffee. Computer makers envision the machine as the
command center for the **"smart   house ."** It would set burglar monitoring
systems, turn off lights and, yes, brew your morning cup...

20/3,K/17   (Item 2 from file: 484)
DIALOG(R)File 484:Periodical Abstracts Plustext
(c) 2000 Bell & Howell. All rts. reserv.

02730943   (USE FORMAT 7 OR 9 FOR FULLTEXT)
Fetal attraction
Hannaham, James
Village Voice (GVIV), v41 n9, p18
 Feb 27, 1996
 ISSN: 0042-6180   JOURNAL CODE: GVIV
 DOCUMENT TYPE: Feature
 LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 661   LENGTH: Medium (10-30 col inches)

TEXT:
...   before placenta lo mein. Naturally, they are subjected to some very
provocative pieces of negative **e -mail** , which they have archived at a
link on their **homepage** . Their measured, **intelligent** , and controversial
responses, though at times ringing of devil's advocate, provide plenty of
food...

20/3,K/18   (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1000401   NYF029

New Speech Recognition Software Technology From Texas Instruments Ushers in the Next Generation of Browsing the Internet - By Voice

DATE: September 27, 1996   09:43 EDT   WORD COUNT: 556

...has been developed for
multiple   applications   including   Internet   navigation,   multimedia
presentations,
entertainment,   electronic   training   systems,   **electronic**   catalogs,
 information
kiosks and aiding the physically challenged. In the future, as new **smart**
televisions are offered, **households** without a PC will also be able to use SAM-
based products for navigating the...

 20/3,K/19   (Item 2 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0992234   NYSA002
Smart World Communications, Inc. to Provide FREE Internet Access

DATE: September 7, 1996   12:09 EDT   WORD COUNT: 302

...December 1,
1996.

    Personal   computer   users   (18   years   or   older)   can   request service
including
personal **e** **-mail** addresses via conventional mail or by signing up on the Net.
Software   will   then   be   shipped   to   the   user,   or   made   available   for
downloading
from **Smart** 's **Home** Page via the Internet.

    As an added service to concerned parental Net users, Smart World...

 20/3,K/20   (Item 3 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0882118
**NOVELL(R)   AND STELLAR(TM) ONE PARTNER TO CONNECT TV SET-TOP BOXES TO SMART
    GLOBAL NETWORKS**

DATE: November 13, 1995   08:04 E.T.   WORD COUNT: 869

...remote camera control, remote operation of home systems including
lights and a VCR, and an **intelligent** **home** security system. The
demonstration also highlights wireless paging, remote access to office
GroupWise schedules, **e** **mail** , and remote document processing and
printing.

    "This unique demonstration shows how consumer and networking
technology...

 20/3,K/21   (Item 4 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0405282   PHDAY2
PR NEWSWIRE MARYLAND DAYBOOK FOR TUESDAY, OCT. 8

DATE: October 7, 1991   11:29 EDT   WORD COUNT: 60

...and Maryland Energy
            Administration, holds energy conservation news briefing
             and tour of BG&E's **Smart**   **House** , featuring innovations
in
            energy conservation, 7275 Windsor Blvd. at Rolling
            Road, Rutherford Business Park, Woodlawn, Md.
            CONTACT: BG **E** Public **Information** Unit, 301-234-7433.

DIALOG(R)File   9:Business & Industry(R)

01693456 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Java applets look for control
(Fuzzy-logic pioneer Aptronix refocuses on Java-based 'smart applets' with
 Java Runtime Controller, allowing users to dispatch applets from Web page
 to any microcontroller on user's net)
Electronic Engineering Times, p 56
December 09, 1996
DOCUMENT TYPE: Journal ISSN: 0192-1541 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 821

ABSTRACT:
...to any microcontroller on their net, whether it is on a factory floor or
a **smart   appliance** in the **home** . JRC is the run-time component of the
Fuzzy Inference Development Environment (Fide), an engineering...

...Java applets created by Fide can be linked to Web pages and dispatched
over the **Internet** to perform their function whenever needed. Fide sells
for $1,495, with the version with...

01693456 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Java applets look for control
(Fuzzy-logic pioneer Aptronix refocuses on Java-based 'smart applets' with
Java Runtime Controller, allowing users to dispatch applets from Web page
to any microcontroller on user's net)
Electronic Engineering Times, p 56
December 09, 1996   .
DOCUMENT TYPE: Journal ISSN: 0192-1541 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 821

ABSTRACT:
...to any microcontroller on their net, whether it is on a factory floor or
a **smart   appliance** in the **home** . JRC is the run-time component of the
Fuzzy Inference Development Environment (Fide), an engineering...

...Java applets created by Fide can be linked to Web pages and dispatched
over the **Internet** to perform their function whenever needed. Fide sells
for $1,495, with the version with...

27/3,K/1   (Item 1 from file: 9)
DIALOG(R)File   9:Business & Industry(R)
(c) 2000 Resp. DB Svcs. All rts. reserv.

01576135 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Armed Forces Radio/TV Go To Digital Video Compression 08/15/96
(Scientific-Atlanta gets contract from US Armed Forces Radio & TV Service
for 2/DVB digital compression system to convert operations)
Newsbytes News Network, p N/A
August 15, 1996
DOCUMENT TYPE: Journal (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 656

   (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...system, AFRTS Director Melvin Russell told Newsbytes.

The initial portion of the worldwide satellite television **network** is
scheduled for **operation** in the spring of 1997.

"Scientific-Atlanta's B-MAC analog **transmission** and **signal** protection
system has served us well for the last 12 years, but two years ago...
...started looking at how we could, in the same transponder space, deliver
more than one **television** signal and 4 radio signals we were sending out
over B-MAC," said Melvin Russell, **director** of AFRTS.

Russell said that the PowerVu MPEG (Motion Picture Experts Group) 2/DVB
digital...

27/3,K/2   (Item 2 from file: 9)
DIALOG(R)File   9:Business & Industry(R)
(c) 2000 Resp. DB Svcs. All rts. reserv.

01490577 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Power Is PageTap Inc.'s Forte
(PageTap is building control and monitoring receivers that use the paging
infrastructure)
Wireless Week, p 16+
May 13, 1996
DOCUMENT TYPE: Journal ISSN: 1085-0473 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 494

ABSTRACT:
...for customers to build infrastructure to deploy their projects. By using
the already in place **network** , business concerns can carry out **remote**
control **operations** via the phone and not **send** employees into the field.
Utililies use Page Tap's interrupt service **device** for demand-side
management programs that keep adequate electricity available during peak
times. Public Service...

...in the utility's voluntary interruption program. Another PageTap product
is the PT8-OC event **controller** switch. This switch translates numerica or
alphanumeric paging messages into eight programmed outputs. Approximately
100 PT8-OC **units** are being installed in 1996 at Southeast Colorado Power
Association sites for irrigation control.
. . .

27/3,K/3   (Item 3 from file: 9)
DIALOG(R)File   9:Business & Industry(R)
(c) 2000 Resp. DB Svcs. All rts. reserv.

01380984 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Doordarshan Rolling Out DTH Channels For India
(Doordarshan is planning to introduce its direct-to-home TV satellite
 service in India by the middle of 1996)
Multichannel News, v 18, n 3, p 40
January 15, 1996
DOCUMENT TYPE: Journal ISSN: 0276-8593 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 626

 (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...Exactly when the DTH transmissions will begin has yet to be determined.

Andrew Carnegie, general **manager** of Star **TV** in India, said the **network**
 group has no intentions of **transmitting** DTG **signals** in the immediate
 future.

However, Star TV's communications manager, Debushree Banerjee, declared
 that "The...

 27/3,K/4   (Item 4 from file: 9)

01371615 (USE FORMAT 7 OR 9 FOR FULLTEXT)
New Chief Streamlines TVNZ
(Television New Zealand reorganized from 13 business units into three
 divisions: Television, Production, and Distribution)
Television Business International, n 1, p 16
January 1996
DOCUMENT TYPE: Newsletter ISSN: 0953-6841 (United Kingdom)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 64

 (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
Incoming group chief executive Chris Anderson has reorganized **Television**
New Zealand, reducing 13 business **units** to three divisions. They are:
Television , constituting TVNZ's national and regional networks, news and
sport; Production, including TVNZ Natural History, Avalon Studios, South
Pacific Pictures and facilites; and **Distribution** , including **transmission**
 operations . **Director** of programming Mike Lattin has been promoted to
head of **Television** . Graham Wilson will head Production.
...

 27/3,K/5   (Item 5 from file: 9)

01345419 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Westminster starts video-on-demand trials
(Westminster Cable (UK) has launched technical trials of video-on-demand
 service at a dozen employees' homes)
New Media Markets, n 43, p 9
November 30, 1995
DOCUMENT TYPE: Newsletter ISSN: 0265-4717 (United Kingdom)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 862

ABSTRACT:
...Colchester, where BT is testing video-on-demand and other services using
ADSL technology to **send** video **signals** over its telephone **network** . The
aim of the parallel trials is twofold. First, to weigh up the pros and...

...compare the response of homes in a cabled area (Westminster) which are
familiar with multichannel **television** with those in an uncabled area
(Ipswich and Colchester) which are familiar with only the 4 terrestrial
channels. Andy Lockwood, managing **director** of Westminster Cable, said
that the results from the trial would benefit BT in the...
...in a broadband national network until it is able to compete directly
with the cable **television** companies. But video-on-demand, because is
does not involve the simultaneous reception of the...

27/3,K/6   (Item 6 from file: 9)
DIALOG(R)File   9:Business & Industry(R)
(c) 2000 Resp. DB Svcs. All rts. reserv.

01325470 (USE FORMAT 7 OR 9 FOR FULLTEXT)
TELENOR STARTS OSLO INTERACTIVE TELEVISION TRIAL WITH DEC, APPLE KIT, HELP
 FROM ITALTEL, AMATI
(Telenor A/S will test interactive television in Norway from January, as
 part of a $1.5m initial contract)
Computergram International, n 2784, p N/A
November 02, 1995
DOCUMENT TYPE: Newsletter ISSN: 0268-716X   (United Kingdom)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 258

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
Norwegian telephone operator Telenor A/S will test interactive **television**
in Norway from January, as part of a $1.5m initial contract. It will use
Digital **Equipment** Corp's Mediaplex server and **equipment** and services
from Italtel SpA, Apple Computer Inc and Amati Communications Corp. The
trial will...

...set-top boxes will come from Apple, while Amati and Italtel will supply
ADSL for **sending** **signals** across the copper telephone **network** . Italtel
will provide systems integration services. Services will include movies and
music videos on demand...

...and a wider range of programmes is available. Telenor has Polygram A/S,
Svensk Filmindustri **Television** , the Norwegian Film Institute, NKS
Distance Education and TV2 to develop more content. "Our objective...

...stage is to test all aspects of the technology and the programming" said
the project **manager** at Telenor Knut Sinkerud. "We want to be sure that we
have everything in place...

27/3,K/7   (Item 7 from file: 9)
DIALOG(R)File   9:Business & Industry(R)
(c) 2000 Resp. DB Svcs. All rts. reserv.

01270062 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Maine Op Will Test Tap To Ease Complaints
(State Cable to start Watson Tap from Watson Technologies)
Multichannel News, v 16, n 35, p 54+
August 28, 1995
DOCUMENT TYPE: Journal ISSN: 0276-8593   (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 638

ABSTRACT:
...premium channels.

Called the "Watson Tap," the system uses a headend-based personal computer
to **send** analog **TV** **signals** in an unscrambled format through the

network , to the tap, then to the home, which means consumer electronics
devices like TVs and VCRs "can operate as originally intended," without
the need for a set...

...said Roger Pience, vice president of technology for Watson. The tests,
which will use prototype equipment , will affect about two-dozen customers
within State Cable's 7,500-subscriber system, said...
...it includes four output spigots. Those four outputs in turn can service
up to four TV sets -- meaning that it can potentially replace 16 set-top
boxes, said Pience. At the...

...a record of those channel changes is stored for later transmission to
the headend-based controller , in order to accommodate billing functions,
said Pience.   ...

27/3,K/8   (Item 8 from file: 9)
DIALOG(R)File   9:Business & Industry(R)
(c) 2000 Resp. DB Svcs. All rts. reserv.

01249100 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**Technology: The number's up - Cellular network operators have a new weapon
 to defeat mobile phone thieves
(Vodafone developing 'authentication' software to counter thieves who steal
 mobile phones and and run up large bills at a legitimate owner's expense)**

Financial Times London Edition, p 8
July 28, 1995
DOCUMENT TYPE: Business Newspaper ISSN: 0307-1766   (United Kingdom)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 645

ABSTRACT:
...clone a mobile phone. When a call is made on a conventional analogue
phone, it sends 2 signals to the network to identify itself; its
phone number and an electronic serial number. The network checks the...

...numbers before connecting the call. This is the weak spot; thieves with
commercially available scanning devices can capture the transmitted
numbers and use them to clone stolen phones. 'The beauty of...
...mind to the subscriber and eliminating the financial risk,' according to
Chris Gent, Vodafone managing director . Authentication software will be
included with all new analogue phones connected to Vodafone after the...

27/3,K/9   (Item 9 from file: 9)
DIALOG(R)File   9:Business & Industry(R)
(c) 2000 Resp. DB Svcs. All rts. reserv.

01180558
**Terminal Performs Phone, Fax Copier Functions
(TEC's new Public PFX-20CL fax/cordless phone also acts as an answering
 machine and copier)**
Office Equipment & Products, p 17
May 1995
DOCUMENT TYPE: Journal ISSN: 0387-5245   (Japan)
LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:
...has introduced the Public PFX-20CL fax/cordless phone, featuring a
cordless design and remote controller . The machine also acts as an
answering machine and copier, and costs Y92k under the Toshiba name. The
PFX-20CL uses thermal transfer techniques for fax output, and a digital
signal processor for answering functions. With the remote controller ,
users can transmit instructions for fax reception and transmission to
the main unit . The cordless phone uses a coding system to stop
eavesdropping. The fax part can send...

27/3,K/10   (Item 10 from file: 9)
DIALOG(R)File   9:Business & Industry(R)

01084159 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**THE SHOCKING POTENTIAL FOR SENDING TWO-WAY DATA OVER THE NATIONAL
ELECTRICITY GRID
(Electric utilities try to enter data communications field)**
Computergram International, n 2559, p N/A
December 06, 1994
DOCUMENT TYPE: Newsletter ISSN: 0268-716X   (United Kingdom)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1092

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...back and then the data cable attached. Remote Metering Systems has
developed a signal-coupling **device** that makes the metal sheath
transparent to the communication signals: a transducer is simply clipped...

...that is being patented is an inductive coupling one rather than a
capacitor type for **sending** the **signals** . **Remote** Metering Systems
believes that it has unlocked huge potential for a nationwide data
communications network. Commercial **director** Clive Nunn pointed out that
although it has been possible to use low frequency such...

27/3,K/11   (Item 11 from file: 9)
DIALOG(R)File   9:Business & Industry(R)

01025243 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**Open networks bring revolution to packaging line controls
(Allen-Bradley's DeviceNet, Honeywell's Micro Switch's Smart Distributed
System are bus-based packaging line systems with CAN technology)**
Food & Drug Packaging, v 58, n 6, p 8
June 1994
DOCUMENT TYPE: Journal ISSN: 1075-3028   (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 574

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...device to send more information to the controller than ever before.

In addition, these intelligent **devices** can talk to each other directly.
With conventional wiring, a sensor sends a signal to the **controller** that
a case has just passed by. The **controller** processes the information and
sends a signal to a relay to trip a diverting **device** . With peer-to-peer
communication capabilities on a bus-based CAN **network** , a sensor could
send the **signal** directly to the relay, taking the **controller** out of
the loop. You would still need a **controller** , but simple decisions could
be programmed in at the **device** level.

While both companies use the same bus-based CAN technology in their system,
each...

27/3,K/12   (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01367966 00-18953

Nortel's total satellite ground network solutions
Anonymous
Telesis n102 PP: 62-63 Dec 1996
ISSN: 0040-2710 JRNL CODE: TLS
WORD COUNT: 851

...TEXT: Nortel can seamlessly integrate a wide variety of groundsystem building blocks: Groundstations include antennas for **sending** and receiving **signals** , as well as satellite and **network** control **equipment** for such functions as beam placement. Nortel can offer systems engineering skills and is developing a range of products, such as groundstation **controllers** , that will enable customers to extend control and management across the entire terrestrial network.

Mobile...

27/3,K/13   (Item 2 from file: 15)
DIALOG(R)File   15:ABI/Inform(R)
(c) 2000 Bell & Howell. All rts. reserv.

01331566 99-80962
The SNMP standard and its role in power protection
Pfendler, Tom
Telemarketing & Call Center Solutions v15n3 PP: 98-104 Sep 1996
ISSN: 0730-6156 JRNL CODE: TLM
WORD COUNT: 1562

...TEXT: supplies or UPSs) may use the same communication protocols to connect to SNMP.

These network **devices** then gather operational information into a database called a Management Information Base (MIB). The operating...

... contents of each MIB and compiles that database into a displayable format. The information is **transmitted** to the master **network** console either automatically or upon **request** by the network **manager** . Once a **device** standard is written, it is shared among all vendors for that particular product.

Although SNMP...

27/3,K/14   (Item 3 from file: 15)
DIALOG(R)File   15:ABI/Inform(R)
(c) 2000 Bell & Howell. All rts. reserv.

01312166 99-61562
Load Cells Ease the Burden of Weighing
Anonymous
Chemical Engineering v103n10 PP: 115-116 Oct 1996
ISSN: 0009-2460 JRNL CODE: CEG

ABSTRACT: By producing a digital signal that can be read directly by process **controllers** , load cell transmitters have improved the reliability and accuracy of scale measurement and provided the...

...transmitted 15-20 ft. before it begins to lose some of its integrity. An indicator- **transmitter** is needed to produce a local readout and provide a **signal** that can be **transmitted** to, and read by, **remote** process instruments. With digital output, **transmitters** produce **signals** that can travel a mile or more, and be read directly by a programmable logic **controller** (PLC). The capability to function as an IO saves on installation and operating costs. For example, a single transmitter can multiplex several weighing **devices** , or a single pair of twisted wires can establish 2-way communication between the process **controller** and the transmitter. This saves on wiring cost and eliminates the additional

hardware that would...

27/3,K/15   (Item 4 from file: 15)
DIALOG(R)File   15:ABI/Inform(R)

01159394 98-08789
Java architecture makes devices 'Internet-ready'
Bucholtz, Chris
Telephony v230n7 PP: 19 Feb 12, 1996
ISSN: 0040-2656 JRNL CODE: TPH
WORD COUNT: 472

...TEXT: company's director of new technology.

"With the embedded Internet capabilities, we can use these **devices** to
create things like hand-held Web browsers that interface with wired or
wireless networks...

... allows users to customize the format of status displays, alarm actions
and diagnostic algorithms. Should **network** problems occur, **managers** can
create Java applets that **send** **instructions** to actuators to **remotely**
 modify components of the **network** , Houtchens said.

"What Java provides is a standardized way of getting information from
devices to...

27/3,K/16   (Item 5 from file: 15)
DIALOG(R)File   15:ABI/Inform(R)

01056169 97-05563
Saber LAN Workstation
Beckman, Mel
Macworld v12n8 PP: 73 Aug 1995
ISSN: 0741-8647 JRNL CODE: MAW
WORD COUNT: 877

...TEXT: data and usage statistics and reporting them to the Network
Manager application on demand.

Network **Manager** queries responders on a configurable schedule, displaying
 devices either as a list that you can sort by any heading item; as a
topological map; or in detail, one **device** at a time. Retrieved data
includes a detailed hardware inventory, software and fonts installed,
available...

... own list reports with selected items across categories. SLW also gives
you some control over **remote** systems, with **commands** to shut down or
restart, **send** a file or message, and synchronize clocks. You can even
perform remote virus scans (using...

27/3,K/17   (Item 6 from file: 15)
DIALOG(R)File   15:ABI/Inform(R)

01036383 96-85776
Meeting infrastructure demands
Anonymous
Telephony PCS Special Supplement PP: 13 May 15, 1995
ISSN: 0040-2656 JRNL CODE: TPH
WORD COUNT: 310

ABSTRACT: PCS **equipment** will be available from the major wireless

infrastructure vendors. In the US, Alcatel will provide mobile switching
centers. AT&T will offer all components for the PCS **network** , including
switches, cell sites, access **managers** , **transmission** facilities,
multiplexers, **operations** support systems, and handsets. Ericsson will
provide an entire GSM-based system, including handsets.

27/3,K/18   (Item 7 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2000 Bell & Howell. All rts. reserv.

00961165 96-10558
Remote crane controls: A new sense of freedom in the plant
Jennings, William
Metal Center News v34n13 PP: 44-47 Dec 1994
ISSN: 0539-4511 JRNL CODE: MCW
WORD COUNT: 2193

...TEXT: makes more efficient use of both the operator's and the crane's
time.

THE **REMOTE** CONTROLLER

A **remote** control system consists of a portable **transmitter** **unit** that
generates control **signals** , plus receiving **equipment** permanently
installed on the crane and electrically connected to the crane's motor
controllers . Switches on the transmitter control all functions of the
crane. Installation may be as a...

27/3,K/19   (Item 8 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2000 Bell & Howell. All rts. reserv.

00953450 96-02843
**A road map to broadband networking: Network evolution within the utilities
industry**
Rane, Sham
Telecommunications (Americas Edition) v28n12 PP: 33-38 Dec 1994
ISSN: 0278-4831 JRNL CODE: TEC
WORD COUNT: 2432

...TEXT: are facilitating the move towards increased automation. In a SCADA
application, hundreds of low-speed **signals** from **remote** sensors and
monitors are **transmitted** via **microwave** radios to a hub site. The hub
sites, which are typically equipped with 900-MHz...

... care institutions. While a majority of the meter-reading operations are
still performed manually, network **managers** can anticipate that much of
this data traffic will be transported over the communications backbone...

27/3,K/20   (Item 9 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2000 Bell & Howell. All rts. reserv.

00895647 95-45039
Green a key color in auto ID
Davis, Donald
Manufacturing Systems v12n8 PP: 16-26 Aug 1994
ISSN: 0748-948X JRNL CODE: MFS
WORD COUNT: 3140

...TEXT: of scrap, hits (Enter) and they're done."

A typical RF implementation includes hand-held **devices** that workers carry
with them on the shop floor or in a warehouse. The **device** can scan bar

codes and **send** a radio **signal** via relay stations, or transceivers, to a **network** **controller** , which converts the radio signal into a computer signal. As a worker moves around a...

· ... car phone is being relayed in turn by one antenna after another. Until recently, the **network** **controller** would typically **send** the **signal** to a personal computer (PC) that would communicate with the host computer. Some systems now eliminate the PC, with the **controller** and host communicating directly.
Some manufacturers remain concerned that interference from the many electrical signals...

27/3,K/21 **(Item 10 from file: 15)**
DIALOG(R)File 15:ABI/Inform(R)
(c) 2000 Bell & Howell. All rts. reserv.

00773600 94-22992
Vendors paint rosy portrait of multimedia X-terminal
McNamara, George
Computer Technology Review v13n10 PP: 1, 8+ Sep 1993
ISSN: 0278-9647 JRNL CODE: CTN
WORD COUNT: 1812

...TEXT: network?

A. NCD: RISC processors in the X terminal primarily render graphics and handle window **managers** , and thus do not affect the level of **network** traffic. Moreover, X is a high-level protocol which generally **sends** **commands** over the **network** which are then **executed** by the CPU in a host. The high performance of RISC processors enables X terminals...don't apply. The X terminal's overhead (processes necessary to its operation like window **managers** , terminal emulators) and user desktop productivity clients (clocks, calculators, etc,) are handled by the X...

... traffic is from those host-based applications. This actually improves the computing environment because each **device** is able to handle the tasks it was deigned for and has no overhead for...
... Network congestion is more a function of the network arrangement than the power of the **devices** on the network. Future networks will combine bridges, routers and subnets to match communications needs...

27/3,K/22 **(Item 11 from file: 15)**
DIALOG(R)File 15:ABI/Inform(R)
(c) 2000 Bell & Howell. All rts. reserv.

00767476 94-16868
Roles of resource and data contention on the performance of replicated distributed database systems
Lam, Kam-yiu; Hung, Sheung-lun
Journal of Database Management v4n1 PP: 25-38 Winter 1993
ISSN: 1063-8016 JRNL CODE: DAN
WORD COUNT: 6493

...TEXT: fixed number of terminals. The central subsystem has one CPU and a number of disk **units** where a portion of the database is stored. The database is partitioned into different local...

... be added nor deleted. The data items are organized into granules which form the basic **units** for locking. In the central node, there is a lock **controller** for checking, setting and releasing of locks. The other nodes are called **remote** nodes. Transactions originated from the **remote** nodes have to **send** lock **requests** to the central node. It is assumed that only exclusive locks will be set (Eswaran...

27/3,K/23   (Item 12 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00764840 94-14232
Telecosm: "Metcalfe's law and legacy"
Gilder, George
Forbes ASAP Supplement PP: 158-166 Sep 13, 1993
ISSN: 0015-6914 JRNL CODE: FBR
WORD COUNT: 4917

...TEXT: an Ethernet chip for PCs in time for a single-board version of the
interface **unit** . Putting the transceiver on the adapter board eliminated a
special transceiver cable and drastically simplified the system. There is
no bulky connection between the coding **device** preparing information for
the **network** and the transceiver **sending** or receiving the **signals** on
the net. All this processing is done in the computer, on one printed
circuit...

... While its rival from IBM--Token Ring--requires a mostly proprietary
array of token-passing **managers** , clocking assignments and other
complexities, Ethernet is an open system. Relative to the alternatives, it
...

27/3,K/24   (Item 13 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00701774 93-50995
Towards the maintenance free network
Guidoux, Loic
Telecommunications (International Edition) v27n4 PP: 44-47 Apr 1993
JRNL CODE: TIE
WORD COUNT: 1196

ABSTRACT: To ensure that privately operated **networks** remain competitive
with external **network** suppliers, quality of service, minimization of
 transmission   , **operation**   and maintenance costs are key factors. The
largest savings for **network**   **managers** are to be found in the management
of the lowest level **devices**   in the network. Software tools enable
procedures that can be invoked by the operator when...

27/3,K/25   (Item 14 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00692627 93-41848
Abracadabra and presto! It's APPN benefits without APPN routers
Layland, Robin
Data Communications v22n2 PP: 15 Jan 21, 1993
ISSN: 0363-6399 JRNL CODE: DCM

...ABSTRACT: their own. They need help from an APPN Network Node, a router
or other computing **device** , such as a host, with APPN **Network** Node
software. When an End Node **sends** a session **request** to a **Network**
 Node, the **Network** Node uses its **directory** service to locate the target
End Node. The Network Node then establishes a route between...

27/3,K/26   (Item 15 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00655632 93-04853
Hub-Based Application Puts Network Services in the Wiring Closet

McHale, John
Computer Technology Review v12n14 PP: 28-31 Fall 1992
ISSN: 0278-9647 JRNL CODE: CTN
WORD COUNT: 2052

...TEXT: directly to the management bus on the backplane. Bi-directional
communication with a software-based **network** management system is
therefore provided, gathering and **sending device** statistics from other
modules to the **network manager** and receiving **commands** and prompts in
return.

APPLICATION IMPLEMENTATION

It is convenient to group the broad ayray of...

27/3,K/27   (Item 16 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2000 Bell & Howell. All rts. reserv.

00606953 92-22056
Wireless LANs: The Next Wave
Mathias, Craig J.
Data Communications v21n5 PP: 83-87 Mar 21, 1992
ISSN: 0363-6399 JRNL CODE: DCM

...ABSTRACT: costly component, its wiring - is as strong a lure as improved
performance, but most network **managers** thus far have kept their distance
from wireless nets. The initial cost of wireless LANs...

... of wireless LANs: 1. low- and medium-speed LANs, and 2. high-speed
products. Wireless **networks** use one of 3 **signal** types to **transmit**
  data: spread spectrum, narrowband **microwave** , and infrared. ...

27/3,K/28   (Item 17 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2000 Bell & Howell. All rts. reserv.

00603800 92-18903
Creating the Olympic Network: Going for the Gold!
Chateau, Jerome; Lamb, Mary Beth
Communications News v29n3 PP: 10-11 Mar 1992
ISSN: 0010-3632 JRNL CODE: CNE
WORD COUNT: 756

ABSTRACT: As **director** of the 1992 Winter Olympic Games Media and
Telecommunications, Jacques Bouillon was responsible for building...

...including satellite, fiber optics, microwaves and radio waves. Broadcast
images were transmitted via fiber optics, **microwave** transmitters,
satellite and copper wire. The primary fiber-optic **network transmitted**
 audio and video **signals** , telephone traffic and data among the most
important Olympic sites.

27/3,K/29   (Item 18 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2000 Bell & Howell. All rts. reserv.

00585617 92-00790
Microwave Mushrooms in the Cellular Network
Roesler, Paula
Telephony Supplement PP: 33, 36 Dec 1991
ISSN: 0040-2656 JRNL CODE: TPH
WORD COUNT: 1339

...TEXT: 38-GHz band is a new band, it is to easy to license, he says.

Microwave 's job in a PCN is much the same as in cellular networks, says John McGuire, president of TeleSciences International. In a cellular **network** , radios **transmit** **signals** from base station to switching center. In a PCN, they traffic information between both the base station and a base station **controller** , and between the base station **controller** and the switching center. The **controller** in a PCN is necessary because there are smaller cell sites in the network hierarchy...

27/3,K/30   (Item 19 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00565595 91-39949
Measuring the "Goodness" of Training
Gordon, Jack
Training v28n8 PP: 19-25 Aug 1991
ISSN: 0095-5892 JRNL CODE: TBI
WORD COUNT: 6317

...TEXT: out.

For instance, Thurn says, pulling two proposals out of a file, here's a **request** for a program for **distribution** dispatchers, the people who **send** line employees to respond to reports of power outages and so on. The requesting **manager** calculates that ineffeciencies due to performance problems are costing about $25,000 a year. The...

... a new program to teach 56 power plant workers how to operate and maintain certain **equipment** in a plant.

In this one, the manager has documented $1.8 million in costs...

27/3,K/31   (Item 20 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00555204 91-29561
Computer Link: Radio Days
Kasavana, Michael
Restaurant Business v90n9 PP: 82 Jun 10, 1991
ISSN: 0097-8043 JRNL CODE: RTB
WORD COUNT: 816

...TEXT: of a server call system include: a contol box for transmission, pagers for servers, recharging **unit** , and a **manager** 's remote pager. The control box contains notification buttons and blinking **lights** to indicate that the server has been paged. Pagers are about the size of a...

... dozen pagers through a single control box. The paging recharger powers rejuvenate Nicad batteries. The **manager** 's **remote** **unit** can **transmit** a double **signal** to direct its wearer to go to a predetermined location.

GOOD VIBRATIONS. The manager remote...

27/3,K/32   (Item 21 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00543141 91-17486
Autosound DSP: The Great Leap Forward
Jaccoma, Richard
Dealerscope Merchandising v33n2 PP: 36 Feb 1991

...ABSTRACT: digital signal processing's (DSP) wider capabilities. The Mobile ES system uses a digital crossover **network** to **transmit** the **signal** digitally until it reaches the amplification stage, reducing distortion and time-phase problems. The heart...

... Mobile ES system, the XES-P1, is a digital preamplifier, sound field processor, and system **controller** that can match a wide range of sound adjustments to each specific automobile. It also...

... create multisource and zoned applications. Pioneer has had great sales success with its car audio **units** that feature detachable faceplaces that, when removed, disable the remaining portion of the **unit** .

27/3,K/33   (Item 22 from file: 15)
DIALOG(R)File   15:ABI/Inform(R)

00536621 91-10965
Sweden's Radio-Synchronized Public Paging System
Seitsonen, Seppo
Telecommunications (International Edition) v25n2 PP: 66-68 Feb 1991
JRNL CODE: TIE
WORD COUNT: 2351

...TEXT: or by utilizing additional radio frequencies.

The paging exchange consists of a PT, voice retrieval **equipment** (RRS), and paging network **controller** (NC) (see Figure 1). The PT operates in the telephone network as a terminal trunk exchange. The PT receives paging calls from the telephone **network** , checks the correctness of the calls, and **sends** various **instructions** to the caller. The terminal may, for example, ask the caller to select additional digits...

27/3,K/34   (Item 23 from file: 15)
DIALOG(R)File   15:ABI/Inform(R)

00531582 91-05926
Users Turn to SNMP to Fulfill Dreams of Simplicity
Mardesich, Jodi
InfoWorld v13n2 PP: S9, S12 Jan 14, 1991
ISSN: 0199-6649 JRNL CODE: IFW
WORD COUNT: 1646

...TEXT: really don't know what that is yet in the Internet."

SNMP comprises three parts --**managers** ; agents; and MIB, a database of objects on a network that can be managed. A central network management station contains the **manager** software that polls a **network** ; in other words, the station **sends** out queries and **commands** to the **devices** on the **network** . Each of these **devices** has an agent, a software program that resides on the **device** that stores information about that **device** , and responds to the management station's requests for information.

An MIB defines some variables...

27/3,K/35   (Item 24 from file: 15)
DIALOG(R)File   15:ABI/Inform(R)

00465694 89-37481
Get Ready for T3 Networking

Fleming, Stephen
Data Communications v18n11 PP: 82-94 Sep 1989
ISSN: 0363-6399 JRNL CODE: DCM

ABSTRACT: Data communications **managers** are increasingly looking toward T3
equipment as a solution to the problems raised by the rapid expansion of
T1 networks. A recent study by International Resource Development indicated
the T3 **equipment** market will grow from $20 million in 1988 to $330
million in 1994. A better...

... T3 networking is possible through familiarity with North American
regulations that dictate how digitally multiplexed **signals** may be
transmitted over the public **network** in the US and Canada. With an AT&T
carrier, a T3 circuit can be...

27/3,K/36   (Item 25 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00453133 89-24920
Managing Changes in SNA Networks
Ballard, Christopher P.; Farfara, Livio; Heldke, Barbara J.
IBM Systems Journal v28n2 PP: 260-273 1989
ISSN: 0018-8670 JRNL CODE: ISY

...ABSTRACT: for bulk data transport. The first IBM products to implement
change management are NetView Distribution **Manager** R2 and the IBM 3174
Control **Unit** with the Central Site Change Management microcode function.
An SNA/MS change management focal point is designed to handle several
requests at its interface with the **network** planner, including: 1.
retrieve, 2. **send** , 3. install, 4. send-and-install, 5. remove, 6.
accept, and 7. activate. With focal...

27/3,K/37   (Item 26 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00421654 88-38487
Call This Bank: Fire Resistant
Friis, M. William
ABA Banking Journal v80n9 PP: 82-88 Sep 1988
ISSN: 0194-5947 JRNL CODE: BNK

...ABSTRACT: building still remains closed, the bank was able to resume
operation of all major business **units** on the first day after the fire.
Chairman and Chief Executive Officer Joseph J. Pinola...

... recovery plan. Some elements of the disaster recovery plan included: 1.
a fully equipped emergency **operations** center, 2. automatic **transmission**
and storage of information to a **remote** disaster recovery site, and 3.
appointment of staff to act as disaster recovery **directors** for business
units . A drill conducted just 3 weeks before the fire helped bank
personnel in the real...

27/3,K/38   (Item 27 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00405434 88-22267
Parallel Processing Techniques Overcome Graphics Bottlenecks
Torborg, John G.
Computer Technology Review v8n6 PP: 77-81 Spring 1988
ISSN: 0278-9647 JRNL CODE: CTN

...ABSTRACT: uses a unique parallel processing architecture for both arithmetic and pixel computations. The display list **manager** , in which either sequential or order-independent graphics **commands** are stored in a hierarchical structure of linked blocks, **sends commands** to the graphics arithmetic processors (GAP), according to a **command** arbitration mechanism that allows for effective **distribution** of commands. Memory **devices** are interleaved to the drawing processor, allowing each memory **device** to be written as soon as the pixel data are calculated. Four parallel drawing processors...

... windows. The very large-scale integration drawing processor allows fast image updates using a master **controller** IC and 4 scan line processor ICs. As the number of processors increases, performance improves...

27/3,K/39 **(Item 28 from file: 15)**
DIALOG(R)File 15:ABI/Inform(R)

00367947 87-26781
Secret, Silent & Successful
Apo, Allan M.
Security Management v31n7 PP: 60-64 Jul 1987
ISSN: 0145-9406 JRNL CODE: SEM

ABSTRACT: Remote-station holdup alarms consist of: alarm initiating **devices** , control **units** , and alarm transmission systems. The initiating **device** is a switch that can be operated by hand or foot, by key, or by removal of currency. The alarm **signal** is **transmitted** to the **remote** location by radio or over a telephone circuit. Because these alarm systems can intensify an...

...at the protected premises. Systems should also provide a lock-in feature to reset the **device** . Some holdup **devices** include: 1. holdup buttons, for installation under counters or desks, 2. billtraps or money clips...

... police avoid using sirens and remain hidden until the robber has left the premises. Security **managers** and employers should consult with alarm companies and police to determine the most effective alarm...

27/3,K/40 **(Item 29 from file: 15)**
DIALOG(R)File 15:ABI/Inform(R)

00252342 84-30903
Testing the Analog Side of Data Networks
D'Antonio, Renato A.; Zampini, Tony M.
Telecommunications v18n7 PP: 57-58, 72 Jul 1984
ISSN: 0040-2494 JRNL CODE: TEC

ABSTRACT: With their service staffs well equipped with BERTs and breakout boxes, most data communications network **managers** would call their AT&T representative for help if they suspected problems on the analog side of the network. With the divestiture of AT&T, these same **managers** are finding the response from their local telephone company is not as fast as in the past. They must now understand the analog side themselves in maintaining their **networks** . When data are **transmitted** through a voice-frequency (VF) communications facility, **signal** degradation results. It is composed of such factors as: 1. power loss, 2. noise, 3...

... for dedicated VF lines. To accomplish all of the tests specified by Bell, analog test **equipment** should include such capabilities as: 1. generating a 1004-Hz test tone, 2. measuring received...

27/3,K/41 **(Item 30 from file: 15)**

00249441 84-28001
Pascal to POS
Wernersback, William; Wherrity, Gloria A.
CPA Journal v54n8 PP: 71-72 Aug 1984
ISSN: 0732-8435 JRNL CODE: CPA

ABSTRACT: Operation of a club is best handled by a **manager** who is current
in knowledge of some of the **devices** available to record sales. These
include: 1. point of sale (POS) terminals, 2. electronic cash...

... 3. video display terminals (VDT), and 4. cathode ray tubes (CRT). POS
terminals perform the **operation** of a register and **transmit** and receive
information at scattered **remote** locations to a central processor. A
significant advance in the club business is for ECRs...

... terminals that communicate directly with any brand computer. There are
several objections concerning installing POS **equipment** : 1. Limited
capital funds can be better spent for operating **equipment** . 2. Service
staff cannot handle such **equipment** . 3. A slowdown of service will result.
4. Service staff cannot accept it. 5. There...

27/3,K/42   **(Item 31 from file: 15)**

00245612 84-24172
Modem Navigates the Telecommunications Jungle
Schlosser, John
Business Computer Systems v3n6 PP: 173-174 Jun 1984
ISSN: 0745-0745 JRNL CODE: BCS

...ABSTRACT: installation, but one procedure - checking and setting the
bank of configuration switches inside the modem **unit** - is awkward. The
menu contains 10 command choices, a help key, and a communications
directory . The program is preconfigured for 13 common information
services and bulletin boards. Other features include: 1. the ability to
develop a sequence of **instructions** to be sent to a **remote** system, 2.
the ability to **transmit** or receive files from an unattended personal
computer, 3. the ability to route data through...

27/3,K/43   **(Item 32 from file: 15)**

00030657 75-09082
WHY SOME GE SALESMEN TELL IT TO A COMPUTER
TAYLOR, T. C.
SALES MANAGEMENT V115 N4 PP: 4-7 AUG. 18, 1975
ISSN: 0361-2570 JRNL CODE: SAL

ABSTRACT: AT GE'S POWER SYSTEMS SALES **OPERATION** , WHICH SELLS GENERATION,
TRANSMISSION , AND **DISTRIBUTION** **EQUIPMENT** TO UTILITIES, THE TIME SPAN
BETWEEN EVENT AND **MANAGER** AWARENESS HAS BEEN CUT FROM 6 WEEKS TO MERE
MINUTES. THE TOOL IS AN ON..

```
File    2:INSPEC 1969-2000/Aug W3
           (c) 2000 Institution of Electrical Engineers
File    6:NTIS 1964-2000/Sep W2
           Comp&distr  2000 NTIS, Intl Cpyrght All Right
File    8:Ei Compendex(R) 1970-2000/Jul W5
           (c) 2000 Engineering Info. Inc.
File   34:SciSearch(R) Cited Ref Sci 1990-2000/Aug W2
           (c) 2000 Inst for Sci Info
File   35:Dissertation Abstracts Online 1861-2000/Jul
           (c) 2000 UMI
File   65:Inside Conferences 1993-2000/Aug W3
           (c) 2000 BLDSC all rts. reserv.
File   77:Conference Papers Index 1973-2000/Jul
           (c) 2000 Cambridge Sci Abs
File   94:JICST-EPlus 1985-2000/Apr W3
           (c)2000 Japan Science and Tech Corp(JST)
File   99:Wilson Appl. Sci & Tech Abs 1983-2000/Jul
           (c) 2000 The HW Wilson Co.
File  144:Pascal 1973-2000/Aug W3
           (c) 2000 INIST/CNRS
File  238:Abs. in New Tech & Eng. 1981-2000/Aug
           (c) 2000 Reed-Elsevier (UK) Ltd.
File  434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
           (c) 1998 Inst for Sci Info


Set     Items    Description
S1    4482385    REMOT? OR NETWORK? OR INTERNET OR WWW OR WORLD()WIDE()WEB -
                  OR (WIDE OR LOCAL)()AREA()NETWORK? OR WAN OR DISTANT OR DISTR-
                  IBUT?
S2    1401434    SEND OR SENDING OR SENDS OR TRANSMIT? OR TRANSMISSION? ?
S3    5363676    COMMAND? OR INSTRUCTION? OR DIRECTION? OR OPERATION? ? OR -
                  SIGNAL? ? OR ACTIVAT? OR EXECUTABLE? OR REQUEST? OR TURN?()ON
S4     416805    CONTROLLER? OR MANAGER? OR DIRECTOR?
S5    3846696    DEVICE? OR UNIT? ? OR PERIPHERALS? ? OR VIDEO()DECK? ? OR -
                  APPARATUS OR EQUIPMENT?
S6     652325    APPLIANCE? ? OR (HOME OR HOUSE)(3N)APPLIANCE? OR STOVE? ? -
                  OR MICROWAVE OR LIGHTS OR LIGHTING OR VCR OR TV OR TELEVISION
S7        224    ELECTRIC?()POWER()GRID? ?
S8        567    (SMART OR INTELLIGENT)(3N)(HOUSE? OR HOME?)
S9    6789488    EMBED? OR COMBIN? OR AFFIX? OR ADJOIN? OR JOIN? OR ATTACH?
                  OR ADD? OR INSERT? OR AUGMENT? OR APPEND? OR INCORPORAT?
S10     95646    (ELECTRONIC OR E OR VIRTUAL)(3N)(MAIL OR MESSAGE? OR DATA -
                  OR INFORMATION) OR EMAIL
S11         7    S8 AND S10
S12     85611    S1 AND S2 AND S3
S13     82913    S4 AND (S5 OR S6 OR S7)
S14     21697    S9 AND S10
S15         5    RD S11 (unique items)
S16      1154    S12 AND S13
S17        12    S16 AND S14
S18         9    RD S17 (unique items)
S19         8    S18 NOT (PY=>1997 OR PD=>970318)
S20      4866    S3 AND S14
S21        98    S13 AND S20
S22        70    S21 NOT (PY=>1997 OR PD=>970318)
S23        60    S22 NOT S17
S24      2710    S3(S)S9(S)S10
S25        47    S24(S)S13
S26        29    S25 NOT (PY=>1997 OR PD=>970318)
S27        24    S26 NOT S17
S28        23    RD S27 (unique items)
S29        36    S8 AND S13
S30        26    S29 NOT (PY=>1997 OR PD=>970318)
S31        26    S30 NOT (S11 OR S17 OR S28)
S32        18    RD S31 (unique items)
```

15/3,K/1   (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC

04180436   INSPEC Abstract Number: B9208-6210L-035, C9208-5620L-005
 Title: **Router connected physical media in networking the** intelligent
 home
 Author(s): Yang, J.; Manikopoulos, C.N.
 Author Affiliation: Dept. of Electr. & Comput. Eng., New Jersey Inst. of
Technol., Newark, NJ, USA
 Journal: IEEE Transactions on Consumer Electronics   vol.38, no.1   p.
30-6
 Publication Date: Feb. 1992 Country of Publication: USA
 CODEN: ITCEDA ISSN: 0098-3063
 U.S. Copyright Clearance Center Code: 0098-3063/92/$03.00
 Language: English

 Title: **Router connected physical media in networking the** intelligent
 home
 Abstract: The performance of the CEBus, a proposed computer network
standard for the **intelligent home** , implemented with power line (PL) and
twisted pair (TP) media, interconnected through a router, has been
investigated. The delay and throughput characteristics of each of the three
priority class of **messages** , i.e . deferred, standard, and high, have
been measured. Overall, the PL-Router-TP network system has...
 ...Identifiers: **intelligent home** ;

 15/3,K/2   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC

03393134   INSPEC Abstract Number: B89044221, C89041072
 Title: **The future: the** intelligent house
 Journal: Funkschau   no.3   p.45-6
 Publication Date: 27 Jan. 1989 Country of Publication: West Germany
 CODEN: FUSHA2 ISSN: 0016-2841
 Language: German

 Title: **The future: the** intelligent house
 ...Abstract: for the house of the future is supported by a schematic
diagram of such an **intelligent house** . Security (intrusion, smoke and
leakage detectors), domestic services and appliances for heating, air
conditioning, water and lighting, interactive information services with
computer and copier (banking and shopping, **data**) and **electronic**
entertainment (radio, Hi-Fi, terrestrial and satellite TV, video recording)
are operated and monitored via...
 ...Identifiers: **intelligent house** ;

 15/3,K/3   (Item 1 from file: 6)
DIALOG(R)File   6:NTIS

2119618 NTIS Accession Number: TRI99-0013/XAB
 **Report on Electronic Commerce. Business, Financial and Consumer
Transactions over the Information Superhighway**
 Telecommunications Reports International, Inc., Washington, DC.
 Corp. Source Codes: 113571000
 c1998   23 issues per year
 Languages: English
 Journal Announcement: GRAI9913
 Copyright 1999 Telecommunications Reports International, Inc. Federal
copyright law (17 U.S.C. 10) makes it illegal to reproduce this publication
by any means, including electronic, and for any purpose without express
written permission of the publisher.
 Subscription includes free online access. Order this product from NTIS

by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
  NTIS Prices: PC$745.00

  ... s software and hardware breakthroughs, Report on Electronic Commerce delivers the latest about online shopping, **home** banking services, **smart** cards and digital cash. **Electronic   Data** Interchange, encryption issues, and much more. It is the premier source for hard-hitting intelligence...
  Identifiers: **Electronic** commerce; **Information** superhighway; **E**-commerce; Online shopping; **Home** banking; **Smart** cards; Digital cash; **Electronic data** interchange (EDI); Encryption; NTISTRI

  15/3,K/4   (Item 1 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2000 INIST/CNRS. All rts. reserv.

  14604247   PASCAL No.: 00-0272904
  Informatique, multimedia et Internet, les nouveaux outils du batiment (Computer science, multimedia and internet, the new building tools)
  BACHELERIE L
  Journal: Batiment information : (Clichy), 2000 (36) 26-28
  Language: French

English Descriptors: Computer science; Buildings; Multimedia; Internet; **Electronic data** interchange; **Information** source; Computer aided design; **Intelligent** system; **Home** automation; Technical management; Example; Tower (building); Office building; Application; Numerical data; CDROM; Firm management

  15/3,K/5   (Item 2 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2000 INIST/CNRS. All rts. reserv.

  10072759   PASCAL No.: 92-0278264
  Router connected physical media in networking the intelligent   home
  JAESOO YANG; MANIKOPOULOS C N
  New Jersey inst. technology, intelligent systems lab., dep. electrical computer eng., Newark NJ 07102, USA
  Journal: IEEE transactions on consumer electronics, 1992, 38 (1) 30-36
  Language: English

  Router connected physical media in networking the intelligent   home
  The performance of the CEBus, a proposed computer network standard for the **intelligent home** , implemented with Power Line (PL) and Twisted Pair (TP) media, interconnected through a router, has been investigated. The delay and throughput characteristics of each of the three priority class of **messages** , i. e ., DEFERRED, STANDARD, and HIGH, have been measured.Overall, the PL-Router-TP network system has...

4925364   INSPEC Abstract Number: A9509-9480-006, C9505-3210G-002
 Title: **Intelligent CAMAC crate** controller incorporating **a transputer**
  Author(s): Saeki, T.; Imori, M.; Inaba, S.; Ueda, I.; Anraku, K.
  Author Affiliation: Fac. of Sci., Tokyo Univ., Japan
  Journal: Nuclear Instruments & Methods in Physics Research, Section A
(Accelerators, Spectrometers, Detectors and Associated Equipment)
vol.355, no.2-3   p.506-14
  Publication Date: 15 Feb. 1995 Country of Publication: Netherlands
  CODEN: NIMAER ISSN: 0168-9002
  U.S. Copyright Clearance Center Code: 0168-9002/95/$09.50
  Language: English
  Copyright 1995, FIZ Karlsruhe

  Title: **Intelligent CAMAC crate** controller incorporating **a transputer**
  Abstract: A CAMAC crate **controller** module having a built-in transputer
was developed, being named the "Intelligent CAMAC Crate **Controller**
(ICCC)". Due to the transputer's architecture, multiple ICCCs can be
networked by simple serial link connections. The control programs are
developed in Occam or C language, which support concurrent algorithms and
their implementation in transputer **networks** . Each ICCC controls the
front-end CAMAC modules in the crate, operates in parallel, and interprets
commands from the host computer. Data read from the modules is
concurrently and autonomously processed, and then **transmitted** to the
network where it is gathered into the host computer file system. The
present paper describes the ICCC's hardware and software using a simple
configuration **network** . Our particular **device** application for a
balloon-borne experiment is also discussed, i.e ., a **data** acquisition
system **networking** twenty-seven transputers.
   ...Descriptors: cosmic ray **apparatus** ;
   Identifiers: intelligent CAMAC crate **controller** ; ...

 ...CAMAC crate **controller** module...

 ...transputer **networks** ; ...

 ...data **transmission** ; ...

 ...configuration **network** ; ...

 ...**network** circuit...

 ...crate **controller** process

03435882   INSPEC Abstract Number: B89053234, C89045412
 Title: **Maintenance system of instrumentation** equipment **for higher
reliability, and its management**
  Author(s): Tamura, J.
  Journal: Instrumentation and Control Engineering   vol.31, no.12   p.
6-10
  Publication Date: 1988 Country of Publication: Japan
  CODEN: KISOBT ISSN: 0368-5780
  Language: Japanese

Title: **Maintenance system of instrumentation** equipment **for higher
reliability, and its management**
  Abstract: Modern instrumentation systems have a significant orientation
to **distributed** control systems based on the common control pattern of
transducer to **controller** to control valve and the prevailing **electronic**

data processing system. Many intricate **combinations** of **equipment** are required in the maintenance of these instrumentation systems. This paper cites three major elements...

...maintain the total system accuracy, databases about maintenance data and the effect of the input **signal** error on **operation** (**transmission**) output are constructed and used. A concept of process validation in which the maintenance service...
  ...Descriptors: **distributed** control
  ...Identifiers: **distributed** control systems...

...**controller** ; ...

...**electronic** **data** processing system

19/3,K/3   (Item 3 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2000 Institution of Electrical Engineers. All rts. reserv.

00650239   INSPEC Abstract Number: B74024042
 Title: **Faces and fax in a** TV **conference system**
 Author(s): Friedman, S.N.
 Author Affiliation: RCA Global Communications Inc., New York, NY, USA
 Journal: RCA Engineer   vol.19, no.3   p.25-9
 Publication Date: Oct.-Nov. 1973 Country of Publication: USA
 CODEN: RCAEBC
 Language: English

 Title: **Faces and fax in a** TV **conference system**
   Abstract: The **TV** conference **network** described in this paper was developed for use within a proposed Corporate **Microwave** **Network** . It provides for (1) a two-way live video channel for **remote** conferencing, (2) a camera-facsimile channel for **electronic** **mail** service, (3) a call **director** control and switching **unit** at each subscriber terminal, and (4) a **distribution** system to deliver the information to the end destination. It is also directly suited for use via domestic satellite systems and two-way cable **TV** . Planning has been based on the modular concept throughout to allow for expansion, **added** functions, and new and improved services. Full color capability is included in the video system but near-term **transmission** from most terminals will be monochrome, since the requirement is maintained throughout for very low cost terminals and for normal room **lighting** **operations** within the skill level of the average participating executive.
   Descriptors: communication **networks** ; ...

...**microwave** links...

...**television** **networks**
 Identifiers: **TV** conference **network** ; ...

...video channel for **remote** conferencing...

...facsimile channel for **electronic** **mail** ; ...

...call **director** control and switching **unit** ; ...

...**distribution** system...

...normal room **lighting**

19/3,K/4   (Item 1 from file: 6)
DIALOG(R)File   6:NTIS
Comp&distr 2000 NTIS, Intl Cpyrght All Right. All rts. reserv.

2027733 NTIS Accession Number: DE97052547/XAB

CORBA-based manufacturing environment

Pancerella, C. M. ; Whiteside, R. A. ; Klevgard, P. A.
Sandia National Labs., Albuquerque, NM.

Product reproduced from digital image. Order this product from NTIS by:
phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries);
fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is
located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
   NTIS Prices: PC A04/MF A01

   A CORBA-based **distributed** object software system was developed for
Sandia's Agile Manufacturing Testbed (SAMT). This information architecture
...
... in both time and cost of the product realization process; and
integration within a heterogeneous, **wide -area networked** enterprise.
Features of the resulting software-controlled manufacturing environment
are: (1) Easy plug-and-play of manufacturing **devices** . (2) Support for
both automated and manual **operations** . (3) Information flow both into and
out of manufacturing **devices** . (4) Dynamic task sequencer. Each of the
heterogeneous physical objects (lathe, milling machine, robot arm...

... a corresponding software object that supports a common IDL interface
called IDevice. This interface provides **operations** for material
processing, material movement, status monitoring, and other administrative
tasks. CORBA objects allow for the encapsulation of a machine tool, its
controller , and the **network** interface to the **controller** . Both manual
and automated **operations** are supported by the software system. If an
IDevice object receives a **request** for a non-automated **operation** , it
uses an associated Console object to affect the **operation** by
communications with a human machinist. A design goal of the Console object
for a machine is to provide an information-intensive environment for the
machinist, rather than just the **transmittal** of **instructions** to be
carried out. In **addition** to the flow of **information** into manufacturing
 devices (e .g., control and NC code), the software architecture supports
the easy extraction of **data** (e .g., sensor **data** or inspection reports)
back out of the machine and into the broader information processing
environment The task sequencer object dynamically locates **devices** ,
accepts jobs, and dispatches tasks in the manufacturing cell. A job script
captures setup **operations** , material movement, and processing.

   19/3,K/5   (Item 2 from file: 6)

1364974 NTIS Accession Number: DE88002690
   Impact of Automation on the Reliability of the Athens Utilities Board's
   Distribution System
   Monteen, L. D. ; Lawler, J. S. ; Lai, J. S. ; Patton, J. B. ; Rizy, D. T.
   Athens Utility Board, TN.
   Paper copy only, copy does not permit microfiche production. Order this
product from NTIS by: phone at 1-800-553-NTIS (U.S. customers);
(703)605-6000 (other countries); fax at (703)321-8547; and email at

Impact of Automation on the Reliability of the Athens Utilities Board's Distribution System
    In this paper we discuss the reliability effects of **distribution** automation on the Athens Utilities Board (AUB) in Athens, Tennessee. This investigation is part of...

    ... and Control Experiment sponsored by the US Department of Energy, Office of Energy Storage and **Distribution**, Electric Energy Systems Program. In this experiment, **distribution** feeder **equipment** on twelve feeders connected to three substations is being **remotely** controlled from a central dispatch center. A supervisory control and data acquisition system provides substation and feeder monitoring and **remote** control of feeder circuit breakers, power reclosers, and load break switches. An analytical study is presented to show the improvement in conventional **distribution** system reliability indices that are achieved at AUB as a function of the penetration of automation **equipment**. The value of automation predicted by the study is highly sensitive to the historical outage...

    ... well known and account, at least in part, for the reluctance of some upper utility **managers** to invest in automation systems. Operating experience with the AUB automation system has shown that...

    ... benefits and tangible cost savings associated with automation that are outside the scope of conventional **distribution** reliability indices. Eight case studies are described, from actual AUB **operations**, where the automation system resulted in significant cost savings and reliability benefits that are not...

    ... Other utilities should expect similar benefits, which will be difficult to quantify analytically but, which **add** to the value of and justification for distribtuion automation. 4 refs., 3 figs., 4 tabs...
    Descriptors: Electric Utilities; Automation; Computerized Control Systems; Cost Benefit Analysis; **Data** Acquisition; **Electronic Equipment**; **Equipment** Protection **Devices**; Failures; P Codes; Power **Distribution** Systems; Reliability; Tennessee

19/3,K/6   (Item 3 from file: 6)
DIALOG(R)File   6:NTIS
Comp&distr 2000 NTIS, Intl Cpyrght All Right. All rts. reserv.

0917808 NTIS Accession Number: AD-A103 351/3/XAB
    Crosstalk Levels of Speech Plus Data in Remote **Communications Air-Ground (RCAG)**
    (Final rept. Aug 79-May 80)
    Rehmann, A. J.
    Federal Aviation Administration Technical Center, Atlantic City, NJ.
    Corp. Source Codes: 015213000; 411863
    Report No.: FAA-CT-80-38
    Jun 81   61p
    Languages: English
    Journal Announcement: GRAI8126

    Crosstalk Levels of Speech Plus Data in Remote **Communications Air-Ground (RCAG)**
    The Federal Aviation Administration (FAA) is proposing the **addition** of a digital data channel to the existing telephone lines which connect air route traffic control centers (ARTCC's) with **remote** communications

air-ground (RCAG) sites to economically transfer **Remote** Monitoring System (RMS) parameters and control data between the ARTCC's and the sites. FAA Specification FAA-E-2699a establishes the maximum allowable interference level to pilot/**controller** communications which would be allowed to result from the **addition** of the data channel. The tests described in this document were designed to verify that...

... in FAA-E-2699a are sufficient to prevent disturbance to normal air traffic control (ATC) **operations** . The tests were performed by simulating and existing communications channel using data modems and samples of present-day Voice Frequency Control System (VFCS) **equipment** . Crosstalk levels of speech and data were measured under actual operating conditions. The test results indicated that the **addition** of an RMS data channel to existing FAA telephone lines is technically feasible and that the requirement in FAA-**E** -2699a concerning the **data** crosstalk in the audio portion of the communication channel is not adequate to prevent disturbance to normal ATC **operations** . The requirements concerning data crosstalk in the control portion and VFCS crosstalk in the data...
    Descriptors: Air traffic control systems; *Voice communications; *Digital systems; *Data links; *Crosstalk; Parameters; Standards; Channels; Data **transmission** systems; Telephone systems; Modems; **Remote** detectors; Monitoring
    Identifiers: RCAG **Remote** Communications Air Ground); NTISDODXA

    19/3,K/7   (Item 4 from file: 6)
DIALOG(R)File   6:NTIS
Comp&distr 2000 NTIS, Intl Cpyrght All Right. All rts. reserv.

0813419 NTIS Accession Number: JAERI-M-7786/XAB
 'Micro-8' Micro-Computer System
  Yagi, H. ; Nakahara, Y. ; Yamada, T. ; Takeuchi, N. ; Koyama, K.
  Japan Atomic Energy Research Inst., Tokyo.
  Corp. Source Codes: 014802000; 3413000
  Aug 78   79p
  Languages: Japanese
  Journal Announcement: GRAI8013
  In Japanese.
  U.S. Sales Only. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
  NTIS Prices: PC A05/MF A01

    The micro-computer Micro-8 system has been developed to organize a data exchange **network** between various instruments and a computer group including a large computer system. Used for packet exchangers and terminal **controllers** , the system consists of ten kinds of standard boards including a CPU board with INTEL...
... architecture, BUS architecture, interrupt control, and standard-boards function are explained in circuit block diagrams. **Operations** of the basic I/O **device** , digital I/O board and communication adapter are described with definitions of the interrupt ramp status, I/O **command** , I/O mask, data register, etc. In the **appendixes** are circuit drawings, INTEL-8080 micro-processor specifications, BUS connections, I/O **address** mappings, jumper connections of **address** selection, and interface connections. (Atomindex citation 10:471149)
    Descriptors: Microprocessors; Data processing; **Data transmission** ; Diagrams; **Electronic** circuits; **Equipment** interfaces

    19/3,K/8   (Item 1 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2000 Engineering Info. Inc. All rts. reserv.

02699223   E.I. Monthly No: EI8901001910
  Title: MODAR: a modular digital data recorder.

...Abstract: version of a complete data acquisition, recording and
display system with 96 channels for any **combination** of bridge type or
piezoelectric transducers. Its **operation** is **remote** from channel setup
to recording. A MicroVAX computer sets up the bridge calibration resistor
(or...

...bit resolution, and 64k (expandable to 256k) recording memory. Data of
all 96 channels are **transmitted** from the **remote** recorder via RS232 link
to the **controller** and recorded on cartridge tape in 30 min. A laser
printer turns out 96 size...

...housed in 50 g hardened containers of 1.3 cft each and form a forward
unit with integral control, power **distribution** , and modem. MODAR is
intended to replace obsolescent frequency multiplex telemetry analog
recording systems, improving...
    ...Descriptors: **Data** Acquisition; PIEZOELECTRIC TRANSDUCERS;
ELECTRONIC EQUIPMENT ; MODEMS
    Identifiers: MODULAR DIGITAL DATA RECORDER; BRIDGE CALIBRATION RESISTOR;
CHANNEL BANDWIDTH; LASER PRINTER; POWER **DISTRIBUTION**

28/3,K/1   (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC

5583917   INSPEC Abstract Number: C9706-7210-042
 Title: **Information managers/librarians in the year 2006: prophets, princes
or poohbahs?**
  Author(s): Winzenried, A.
  Author Affiliation: Liydale Adventist Acad., Australia
  Conference Title: Online Information 96 Proceedings. 20th International
Online Information Meeting   p.7-12
  Editor(s): Raitt, D.I.; Jeapes, B.
  Publisher: Learned Inf. (Europe), Oxford, UK
  Publication Date: 1996 Country of Publication: UK   xviii+487 pp.
  ISBN: 1 900871 04 1   Material Identity Number: XX96-03405
  Conference Title: Proceedings of Online Information 96
  Conference Sponsor: The Guardian
  Conference Date: 3-5 Dec. 1996   Conference Location: London, UK
  Language: English
  Copyright 1997, IEE

  ...Abstract: Clearly the Internet is now an important medium and
information management needs to include this **device** . Online data is
increasingly providing an economical means of accessing large quantities of
data, though not necessarily precisely what individual clients require.
Perhaps the answer lies in two **directions** , both needing consideration. On
the one hand we need reliable **equipment** and perhaps a new generation of
 electronic data technicians to make that **equipment** and its networking
reliable. Secondly we need sound software support that allows integration
of data into Internet useable formats, **incorporates** the Net itself and
communicates readily yet is able to be catalogued, refined and maintained
...

28/3,K/2   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC

5214351   INSPEC Abstract Number: B9605-6220C-001
 Title: **Clear service phones: Residential screenphones for advanced analog
network services**
  Author(s): Buckley, D.; Lenane, S.
  Author Affiliation: Alcatel Network Syst., Zaventem, Belgium
  Journal: Alcatel Telecommunications Review   spec. issue.   p.14-18
  Publisher: Alcatel Alsthom Publications,
  Publication Date: 1995 Country of Publication: UK
  ISSN: 1242-0565
  SICI: 1242-0565(1995)L.14:CSPR;1-D
  Material Identity Number: D445-96001
  Language: English
  Copyright 1996, IEE

  ...Abstract: the user interface with visual screen based guidance;
secondly, to allow the development of value **added** information services
from the RBOCs such as **electronic   directories** , visual voice **mail** ,
bill payment, service ordering, etc.; thirdly, to encourage the development
of third party interactive services...

...technology that considerably improves the use of services by eliminating
the need to remember service **activation** codes and events by giving a
visual context-sensitive interface by screen prompts (softkeys & labels...

28/3,K/3   (Item 3 from file: 2)
DIALOG(R)File   2:INSPEC

4670315   INSPEC Abstract Number: B9406-6210L-120, C9406-7210L-022
 Title: Electronic document delivery using the Internet
 Author(s): Bennett, V.M.; Palmer, E.M.
 Author Affiliation: Thomas Jefferson Univ. Med. Center, Philadelphia, PA,
USA
 Journal: Bulletin of the Medical Library Association   vol.82, no.2
p.163-7
 Publication Date: April 1994 Country of Publication: USA
 CODEN: BMLAAG ISSN: 0025-7338
 Language: English

   ...Abstract: Interlibrary Loan, Document Delivery, and Union List Task
Force, appointed   by   the   HSLC   Board of Directors , successfully
demonstrated the feasibility of supplying 94% of all interlibrary loan
(ILL) photocopy requests in forty-eight hours or less by a network
application of group 3-level memory telefacsimiles. However, the expenses
associated   with   the   telefacsimile operation and the limitations
associated with network polling protocols challenged participants to seek
new alternatives for...

... the thirteen institutions and their resources while providing access to
the Internet. The HSLC HealthNET additionally supports a centralized
shared   library   system,   several   locally   mounted   databases, and
consortiumwide electronic   mail . In 1991, a project was initiated to
evaluate Ariel software, pioneered by the Research Libraries...

... describes the Ariel project history, the transition to Ariel from the
telefacsimile network, evaluation of equipment features for processing
efficiency, and operational issues affecting ILL policy.

    28/3,K/4   (Item 4 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2000 Institution of Electrical Engineers. All rts. reserv.

03855577   INSPEC Abstract Number: C91030060
 Title: Porting UNIX to the 386: a practical approach (designing the
software specification)
 Author(s): Jolitz, W.F.; Jolitz, L.G.
 Journal: Dr. Dobb's Journal   vol.16, no.1   p.16-18, 20, 22-4, 28, 30,
32, 34, 36, 38-40, 42, 46
 Publication Date: Jan. 1991 Country of Publication: USA
 CODEN: DDJSDM ISSN: 0884-5395
 Language: English

   ...Abstract: specification; 386BSD port goals; microprocessor and system
specification issues; 80386 memory management; segmentation; kernal linear
 address   space overheads; per-process data structures; virtual memory
 address   translation mechanisms; user to kernel communication primitives;
Berkley UNIX virtual memory management strategy; process context...

... mechanisms; other processor faults; system call interface; system
specific (ISA) issues; physical memory map; ISA device   controllers ; ISA
 device   auto configuration; interrupt priority level management; and
bootstrap operation .

    28/3,K/5   (Item 5 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2000 Institution of Electrical Engineers. All rts. reserv.

03540511   INSPEC Abstract Number: B90011018
 Title: Memory structure and data flow control for HDTV systems
 Author(s): Heeren, H.; Selinger, T.
 Author Affiliation: Heinrich-Hertz-Inst. Berlin GmbH, West Germany
 Journal: ITG-Fachberichte   vol.110   p.169-74
 Publication Date: 1989 Country of Publication: West Germany

Abstract: Most of the algorithms recommended for the **signal** processing components of HDTV require the storage of the video **signal** in some form of memory. For the installation of integrated HDTV subsystems in systems with various configurations, variable control of the **data** flow, i.e . flexible memory **addressing** , is necessary. This paper discusses various memory design concepts and their interaction with a **controller** , deriving the **addressing** function from the **signal** processing algorithms. The development of the **controller** is described, and also a compact system implementation using the most modern construction and interconnection...

28/3,K/6   (Item 6 from file: 2)

...Abstract: frequency resolution of a fraction of a hertz and switching speeds in the nanoseconds. In **addition** , a DDS can switch from one frequency to another in a phase-continuous manner, whereas...

... communications and arbitrary-waveform generation. Further, recent advances in DAC technology, memory circuits, and digital **controllers** have opened up applications for the DDSs that were once exclusively in the PLL domain: **electronic** warfare, digital **data** links, test- **signal** generators commercial-satellite systems, and very-small-aperture-terminal systems. To construct a basic DDS, you can use a counter that **addresses** a digital look-up table that contains samples of a specific waveform. However, for flexibility modern DDS systems use a phase accumulator instead of a counter to generate the **addresses** for the look-up table.

28/3,K/7   (Item 7 from file: 2)

...Abstract: interaction known as direct manipulation. Direct manipulation assumes an environment of objects and associated semantic **information** (i. **e** . attributes). It encompasses the ability to select objects with a pointing **device** , display and issue **commands** associated with the objects and change attributes of the objects. This kind of interface helps a user in several ways. Displaying UNIX objects (files, **directories** , etc.) as icons provides a more natural interface. In

addition , the association of semantic information with objects makes it easier to provide a more intelligent...

28/3,K/8   (Item 8 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2000 Institution of Electrical Engineers. All rts. reserv.

03003758   INSPEC Abstract Number: C87065487
 Title: Multitasking keys SCSI control of large SMD-compatible disks
  Author(s): Bowman, R.
  Author Affiliation: NCR Corp., Wichita, KS, USA
  Journal: Electronic Design   vol.35, no.15   p.89-94
  Publication Date: 25 June 1987 Country of Publication: USA
  CODEN: ELODAW ISSN: 0013-4872
  Language: English

   Abstract: Among the first SCSI **controllers** for SMD-compatible (storage module **device**) drives is NCR Corp.'s ADP-48, which has a full 16-bit architecture and a 32-kbyte, dynamically allocated **virtual** buffer for multithreaded **data** **operation** among four connected SMD- or enhanced storage module **device** -compatible disk drives. The **controller** 's scheduling and multitasking capabilities, such as its ability to perform overlapping seek **operations** , ensure that the SCSI bus seldom stays connected and idle when the host system needs an I/O activity. As shown by a block diagram of the ADP-48 **controller** , the SCSI interface contains the SCSI protocol ship; the FIFO buffer, which balances transfer rates...

... and receivers. The disk interface contains the interface logic, drivers and receivers. The ADP-48 **controller** supplies up to four SMD plug-compatible interfaces for disk drives with transfer rates from 10 MHz to 24 MHz (1.92 to 4 Mbytes/s). The **controller** core contains Intel's 80186 microprocessor, a disk read/write **controller** chip, the on-board buffer, and buffer-arbitration logic. The heart of the **controller** is a multitasking executive **embedded** in ROM, called the kernel. The kernel schedules and maintains all I/O tasks and resources within the **controller**

28/3,K/9   (Item 9 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2000 Institution of Electrical Engineers. All rts. reserv.

02753918   INSPEC Abstract Number: B86064632, C86052874
 Title: The 3+ network family
  Journal: Database and Network Journal   vol.16, no.2   p.12-13
  Publication Date: 1986 Country of Publication: UK
  CODEN: DNJODC ISSN: 0265-4490
  Language: English

  ...Abstract: is the central product in the 3+ family, supplying facilities for multi-user file service, **directory** name service, network management, network security, peripheral sharing and dial-in network access. 3+Share also provides the software base for other services such as internetwork communications, **electronic** **mail** and mainframe gateways. 3+Route enables two or more 3+ networks to be connected through...

...connects stand-alone personal computers to 3+ networks. As with 3+Route, all nodes are **addressed** solely by name, united on a single wide-area network. 3+Mail provides store-and...

... allow messages to be sent at any time, regardless of whether the receiving node is **activated** . 3+Path offers customers who want to purchase or continue using EtherSeries products an assured...
... Menus provides full screen, user-tailorable menus to simplify use of such functions as network **commands** , application programs and DOS utilities. 3+3270 software permits any personal computer on a 3...

... 3279-type terminals for communications with IBM mainframes. 3+Backup, included with the 3Server tape **unit** , provides network-wide data integrity and reliability.

28/3,K/10   (Item 10 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2000 Institution of Electrical Engineers. All rts. reserv.

02715354   INSPEC Abstract Number: D86002162
 Title: Telecom managers seeking more autonomy
  Journal: The Office   vol.103, no.5   p.73
  Publication Date: May 1986 Country of Publication: USA
  CODEN: OFISAD ISSN: 0030-0128
  Language: English

   Abstract: Corporate telecommunications **managers** want more autonomy for their expanding departments-independent from finance/administration, according to a recent study. The **managers** say they want to expand their departments' responsibilities to cover the broad range of **equipment** , services and functions now connected by telecommunications. Many cited a desire to **add** such **additional** services as **electronic   mail** and integration of voice and data traffic. Over 80% of the respondents revealed that the...

... on organizations than ever before. The function is overlapping the office automation and data processing **operations** and becoming strategically important as the 'distribution system' for information resources in an increasingly information...

28/3,K/11   (Item 11 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2000 Institution of Electrical Engineers. All rts. reserv.

02581269   INSPEC Abstract Number: D86000387
 Title: Moving mail: the systems solution
  Author(s): Paez, P.
  Journal: Today's Office   vol.20, no.5   p.47
  Publication Date: Oct. 1985 Country of Publication: USA
  CODEN: TOOFDN ISSN: 0744-2815
  Language: English

   Abstract: One of the primary benefits of automated mailing systems is that such **equipment** can be easier to operate than older **devices** . In **addition** , microcomputers and minicomputers, list management software and direct-impression printers allow the mailroom's **operations** to be decentralised. Digital electronic scales increase accuracy and save time. Interfaced to postage meters and mailing machines, these electronic scales weigh material precisely, select the most economical rate, and **affix** postage. Also, an accumulating printer, which interfaces with the scales and the mailing machine, tracks daily activity. It can provide detailed audit trails and **managerial** accounting information. Postage-by-phone systems are also growing in popularity. These use an electronic-funds-transfer approach and are compatible with virtually all mailing machines. **Mail** -extracting **equipment** and **electronic** folding machines are other examples of automation in the mailroom. Automation is not the only trend in today's mailroom. The design and manufacture of mailroom **equipment** has also improved. The indications are that the mailroom is finally being recognised as a...

28/3,K/12   (Item 12 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2000 Institution of Electrical Engineers. All rts. reserv.

01699618   INSPEC Abstract Number: C81021444
 Title: What's new in intelligent copying?
  Journal: Government Data Systems   vol.9, no.6   p.12, 20, 31
  Publication Date: Nov.-Dec. 1980 Country of Publication: USA
  CODEN: GVDSBD ISSN: 0046-6212
  Language: English

  Abstract: A machine that combines several office operations such as
word processor printing, electronic   mail , remote computer printing and
direct copying in a single unit is undoubtedly a desirable addition to
most government DP personnel or office managers requiring these services.
The author discusses how Xerox has introduced such a system. The 5700...

 28/3,K/13   **(Item 1 from file: 6)**
DIALOG(R)File   6:NTIS

1870959 NTIS Accession Number: PB95-502787
 **Remedial   Program   Managers   (RPM)   EPA   National   Site Data   (for
Microcomputers)**
  (Data file)
  Environmental Protection Agency, Washington, DC. Office of Emergency and
Remedial Response.
  Corp. Source Codes: 031287614
  Report No.: EPA/DF/DK-95/010
  Aug 93   diskette
  Languages: English
  Journal Announcement: GRAI9512
  This product contains text only. Customers must provide their own search
and retrieval software. Self-extracting executable files. 10 MB hard disk
space required. Files are compressed. See also PB95-963201, PB91-591311,
and PB95-500104.
  The datafile is on one 3 1/2 inch DOS diskette, 1.44M high density. File
format: ASCII text. Documentation not available separately. Order this
product   from   NTIS   by: phone   at 1-800-553-NTIS (U.S. customers);
(703)605-6000 (other countries); fax at (703)321-8547; and email at
orders@ntis.fedworld.gov.   NTIS is located at 5285 Port Royal Road,
Springfield, VA, 22161, USA.
  NTIS Prices: CP D02

  ... RPM Site Database is a subset of information collected by inerviewing
EPA Regional Remedial Project **Managers** (RPMs) during the summer of 1993.
The interviews collected key data on 1,249 final...

... provided technical insight with respect to each site, including
projected costs, potential future land use, **additional** work to be carried
out at the site, and other pertinent information. RPMs were encouraged...

... database be used to assess national trends and not for site-specific
analyses. Site identification **information** (**e** .g. region, state,
location, facility ID, operable **units** , etc) was taken from CERCLIS, the
official Superfund program data repository. Other data types are...

... e.g. de minimis parties, owners, generators/transporters,
municipalities); (3) response actions, including media being **addressed** ,
future land use assumptions, basis for selected response actions and
cleanup standards; (4) cost information, including projected capital and
 operation and maintenance (O&M) costs. The user guide **appendix** contains
tabulated responses to all questions on the RPM data collection form and a
data...

 28/3,K/14   **(Item 2 from file: 6)**
DIALOG(R)File   6:NTIS

1406236 NTIS Accession Number: AD-A199 908/5
 Development of the Regulatory Commission and Knowledge Base System and Investigation of Possible Augmentation Technologies
  (Final rept)
  Fittipaldi, J. ; Glosser, D. ; Erb, C.
  Construction Engineering Research Lab. (Army), Champaign, IL.
  Corp. Source Codes: 054831000; 405279
  Report No.: CERL-TR-N-88/10
  Jul 88   50p
  Languages: English
  Journal Announcement: GRAI8904

  ...CERL) has investigated potential computer-based methods for addressing these issues for the Regulatory Branch, **Operations** and Readiness Division, **Directorate** of Civil Works, Headquarters, U.S. Army Corps of Engineers (CECW-OR). This report discusses the development of an **electronic mail** and bulletin board system for the Regulatory Branch. It also assesses the feasibility of supplementing...

  ... options were found to be desirable and feasible, and a prototype expert system was developed. **Appendices** document the features used to select an expert system shell, and the prototype expert system...

  ... Report N-88-11, User Manual for the Regulatory Communication and Knowledge Base System, provides **instructions** for the bulletin board and **electronic mail** system. (sdw)

 28/3,K/15   (Item 3 from file: 6)
DIALOG(R)File   6:NTIS

1365614 NTIS Accession Number: ED-288 498
 Coordination and Evaluation of Videodisc and Microcomputer Programs. Final Technical Report
  McLaughlin, D. H.
  American Institutes for Research in the Behavioral Sciences, Palo Alto, CA.
  Corp. Source Codes: 001520000
  Sponsor: Department of Education, Washington, DC.
  Report No.: AIR-22300-12/83-FTR
  Dec 83   179p
  Languages: English
  Journal Announcement: GRAI8813

  ... schools in 15 states to explore the potential of a new technology for basic skills **instruction** . Initiated in 1981 and completed at the end of 1983, the project involved a wide variety of activities, ranging from software development and documentation to **equipment** acquisition and repair, including on-site and telephone consultations and problem-solving for participating schools, and the production of a series of newsletters and a descriptive network **directory** . Background material provides descriptions of interactive videodisc technology, **electronic mail** technology, and innovations in the schools. Site selection, overviews of support activities for interactive videodisc and **electronic mail** , and observations are included in the section on methodology, and the findings are reported under...

  ... 3) Needs, Skills, and Time of School Staff; and (4) Communication via

Electronic Networks. Eight **appendices** make up the major part of the
report: (1) Participants in the ViM Network; (2) Sample of the ViM Network
Newsletter; (3) ViM Network **Directory** ; (4) Reprint of Articles from
Videodisc News; (5) **Instructions** for ViM-SCRIPT; (6) Example of a ViM
Script; (7) Classroom Teacher's Courseware Assessment...

28/3,K/16   (Item 4 from file: 6)
DIALOG(R)File   6:NTIS
Comp&distr 2000 NTIS, Intl Cpyrght All Right. All rts. reserv.

1210648 NTIS Accession Number: NTN85-0615
 **Digital Stepping-Motor Control System: Maximum acceleration can be
achieved without sacrificing synchronization**
  (NTIS Tech Note)
  Department of Energy, Washington, DC.
  Corp. Source Codes: 052661000
  Jun 85   1p
  Languages: English
  Journal Announcement: GRAI8602
  Write NTIS for information about Tech Notes subscriptions and back issue
packages available.
  NTIS Prices: Not available NTIS

   ... that is responsive to the output of the motor and provides accurate
input to the **controller** . An encoder, located on the output shaft of the
motor, generates **signals** to the digital processor, which then interprets
and identifies the actual step position of the motor. ...FOR **ADDITIONAL**
INFORMATION: Detailed information about the technology described may be
obtained by ordering the NTIS report...

... Assistant General Counsel for Patents, U.S. Department of Energy,
Washington, DC 20585. For other **information** , contact: James **E** . Swansen,
MS E540, Los Alamos National Laboratory, Los Alamos, NM 87545; (505)
667-2187.

28/3,K/17   (Item 5 from file: 6)
DIALOG(R)File   6:NTIS
Comp&distr 2000 NTIS, Intl Cpyrght All Right. All rts. reserv.

1161526 NTIS Accession Number: DE85003030
 High Energy Physics. Progress Report, March 1, 1984-February 28, 1985
  Phillips, G. C. ; Roberts, J. B.
  Rice Univ., Houston, TX. Bonner Nuclear Labs.
  Corp. Source Codes: 013977004; 5517000
  Sponsor: Department of Energy, Washington, DC.
  Report No.: DOE/ER/05096-15
  25 Oct 84   150p
  Languages: English
  Journal Announcement: GRAI8509; NSA1000
  Paper copy only, copy does not permit microfiche production. Order this
product from NTIS by: phone at 1-800-553-NTIS (U.S. customers);
(703)605-6000 (other countries); fax at (703)321-8547; and email at
orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,
Springfield, VA, 22161, USA.
  NTIS Prices: PC A07

   ... method used to approximate energy-momentum conservation, while a
Field-Fox-Wolfram model fits the **E** -609 **data** and lends indirect evidence
of gluon bremsstrahlung effects. Comparison of pi and p induced large...
... revealed a new, unique event structure with little or no energy along
the pi -beam **direction** when compared to the p-beam events. New data were
obtained for p-Nuclear collisions...

... E-782 (AGS). E-704 received second stage approval with an agreement
signed by the **director** of FNAL. The experiment is scheduled to start

January 1987, so that detailed design of **equipment** was commenced and the
need for **equipment** funds became acute. In **addition** , progress was made
in theoretical physics and in instrumentation. During the year Dr. Paul
Stevenson **joined** our group and started new, basic research in elementary
particle theory in the areas of...

... in instrumentation made during the year included a start on MWPC design
for E-704 **equipment** for which Rice is committed. New electronic design
studies included a new MWPC readout system...

28/3,K/18   (Item 1 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2000 Engineering Info. Inc. All rts. reserv.

03846237   E.I. No: EIP94041268488
 Title: **System identification of a three-phase submerged arc ferrosilicium
furnace**
  Author: Hauksdottir, Anna Soffia; Soderstrom, Torsten; Thorfinnsson,
Yngvi Pall
  Corporate Source: Univ of Iceland, Reykjavik, Icel
  Conference Title: Proceedings of the 32nd IEEE Conference on Decision and
Control
  Conference Location: San Antonio, TX, USA Conference Date:
19931215-19931217
  E.I. Conference No.: 20202
  Source: Proceedings of the IEEE Conference on Decision and Control v 4
1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA. p 3864-3869
  Publication Year: 1993
  CODEN: PCDCDZ   ISSN: 0191-2216   ISBN: 0-7803-1298-8
  Language: English

   ...Abstract: currents, which is done by positioning of the electrodes, is
examined. The existing electrode current **controller** is effectively
composed of three SISO (single input single output) loops, each controlling
one electrode...
 ...Data were collected at Icelandic Alloys Ltd., using experiments
conducted mostly in open-loop, i.**e** . **data** collected for the dynamic
system identification using electrode positions as inputs and electrode
currents as...

 ...for estimation of conductance changes and other disturbances. The
positioning of electrodes responding to control **signals** was, however,
estimated from measurements in closed-loop. Data collection for the dynamic
system identification...

 ...with auxiliary input) MIMO (multiple input multiple output) models were
tried using various model orders, **combinations** of inputs and input
delays. Then, dependent parameters due to symmetry in the three electrodes
...

28/3,K/19   (Item 2 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2000 Engineering Info. Inc. All rts. reserv.

03309093   E.I. Monthly No: EI9110120386
 Title: **Your telephone line to cleaner production.**
  Author: Hulley, Bernard
  Corporate Source: Warren Spring Laboratory, Stevenage, Engl
  Source: Chemical Engineer (London) n 493 Mar 28 1991 p 37
  Publication Year: 1991
  CODEN: CMERA9   ISSN: 0302-0797
  Language: English

   ...Abstract: of facilities: Databases covering: case studies in cleaner
technology, corporate and national environmental programs, a **directory** of

documents and contacts in the environmental field, international
legislation, and a calendar of events. There are also **directories** of
clean technology **equipment** , services and access to the databases in the
US EPA system. A bulletin board allows messages to be exchanged between
individuals or **addressed** to a selected group of users. It may be used for
example to **request** information, arrange waste exchange or simply pass
messages . Topical **electronic** 'conferences' for exchange of information
and views on specific fields related to cleaner production. The...

 28/3,K/20   (Item 3 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2000 Engineering Info. Inc. All rts. reserv.

03065041   E.I. Monthly No: EIM9105-021361
 Title: Communications backup optimization problem formulation.
  Author: Monticone, Leone C.
  Corporate Source: MITRE Corp, McLean, VA, USA
  Conference Title: Proceedings of the Twenty-First Annual Pittsburgh
Conference Part 2 (of 5)
  Conference Location: Pittsburgh, PA, USA   Conference Date: 19900503
  E.I. Conference No.: 14260
  Source: Expert Systems, Artificial Intelligence, Neural Networks, Vision,
Manufacturing Modeling and Simulation, Proceedings of the Annual Pittsburgh
Conference v 21 pt part 2. Publ by Soc for Computer Simulation Int, San
Diego, CA, USA. p 805-811
  Publication Year: 1990
  CODEN: MSPCD4
  Language: English

  ...Abstract: high priority issue for the Federal Aviation Administration
(FAA) in providing communications services for the **operation** of its air
traffic control (ATC) system is that the availability of critical services
(**e** .g., **data** or voice communications between air traffic **controller**
and pilot) be very high. The FAA's goal is to achieve an availability of...
...one must take into consideration all of the available communications
media options (e.g., satellite, **microwave** , leased services, etc.) and
strategies (e.g., optimal selection of multiplexing points at Telco offices
...

...implementation for each service out of a list of previously generated
alternatives so that the **combination** of selected alternatives over all
services in a geographical area is globally optimal. One of...

 28/3,K/21   (Item 1 from file: 35)
DIALOG(R)File   35:Dissertation Abstracts Online
(c) 2000 UMI. All rts. reserv.

01491392 ORDER NO: AADAA-I9621237
**A CONTROL AND DIAGNOSTIC SYSTEM FOR THE PHOTOLITHOGRAPHY PROCESS SEQUENCE
(EXPERT SYSTEM)**
  Author: LEANG, SOVARONG
  Degree: PH.D.
  Year: 1995
  Corporate Source/Institution: UNIVERSITY OF CALIFORNIA, BERKELEY (0028)
  Source: VOLUME 57/03-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
            PAGE 2021. 146 PAGES

    ...only by measurement error and model prediction error.
    A diagnostic system, which complements and is **activated** by the
control system, has also been developed. Its goal is to assist the operator
in diagnosing the cause of the decreased machine performance. As in the
case of the **controller** , its structure is also generic and can be applied
on any machine. The diagnostic system...

...valid in most process domains. The main novelty of our diagnostic system

is that it **incorporates** both shallow and deep level information as
evidence, so that any evidence can be used to diagnose faults. Typically,
current diagnostic systems only handle one type of **information** (i.e .,
either shallow level or deep level only), which limits their diagnosis
capabilities, since some faults...

...a software version of the diagnostic system, and we have tested it on
real photolithography **equipment** malfunctions and drifts. Although it is
often successful in diagnosing the correct fault, the diagnostic...

28/3,K/22   (Item 1 from file: 94)
DIALOG(R)File   94:JICST-EPlus
(c)2000 Japan Science and Tech Corp(JST). All rts. reserv.

01636569   JICST ACCESSION NUMBER: 92A0830891   FILE SEGMENT: JICST-E
Information and Communication Network System.
HAYAKAWA YOSHIHIRO (1); YASHIO HITOSHI (1); MACHIDA KAZUHIRO (1); HANAURA
    TOSHITAKA (2)
(1) Matsushita Electric Industrial Co., Ltd.; (2)
    Matsushitadenkisangyoshisutemu Hiroshimaken
Natl Tech Rep, 1992, VOL.38,NO.5, PAGE.454-462, FIG.11
JOURNAL NUMBER: G0474AAH   ISSN NO: 0028-0291   CODEN: NTROA
UNIVERSAL DECIMAL CLASSIFICATION: 621.394/.395
LANGUAGE: Japanese   COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Commentary
MEDIA TYPE: Printed Publication

...ABSTRACT: The application systems on this network system
    includeelectronic document handling, on-line reservation, schedule
    management, **electronic   mail** /bulletin board, **electronic** telephone
    directory , document management, and desk-top conference. Integrated
    management and application are carried out by the...

...network management system. The network system fully supports the total
    flow of office work including **managers** ', making it possible to
    provide each person with a workstation to promote paperless **operations**
    . In **addition** , a certification system is realized for hierarchical
    secret protection at sectional and personal levels. The...

28/3,K/23   (Item 1 from file: 99)
DIALOG(R)File   99:Wilson Appl. Sci & Tech Abs
(c) 2000 The HW Wilson Co. All rts. reserv.

1202969 H.W. WILSON RECORD NUMBER: BAST94071632
Integrating systems on the bridge
Dooling, Dave;
IEEE Spectrum v. 31 (Dec. '94) p. 30
DOCUMENT TYPE: Feature Article ISSN: 0018-9235

ABSTRACT: The electronic chart display information system (Ecdis) will
join a growing number of electronic systems likely to be integrated into a
single bridge control system. The gyrocompass, the radio **direction**
finder, the radar, and depth sounders were the first electronic **additions**
to the bridge. These were followed by engine room telegraphs and sensors
and controls that...

...ballast levels. The current trend is toward displays of the type
available to air traffic **controllers** .

32/3,K/1   (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2000 Institution of Electrical Engineers. All rts. reserv.

5269375   INSPEC Abstract Number: B9607-7520H-004, C9607-7850-004
  Title: **An integrated approach to** Smart   House **technology for people with disabilities**
  Author(s): Allen, B.
  Author Affiliation: Tech. Div., Central Remedial Clinic, Dublin, Ireland
  Journal: Medical Engineering & Physics   vol.18, no.3   p.203-6
  Publisher: Elsevier,
  Publication Date: April 1996 Country of Publication: UK
  CODEN: MEPHEO ISSN: 1350-4533
  SICI: 1350-4533(199604)18:3L.203:IASH;1-H
  Material Identity Number: B478-96003
  U.S. Copyright Clearance Center Code: 1350-4533/96/$15.00+0.00
  Language: English
  Copyright 1996, IEE

  Title: **An integrated approach to** Smart   House **technology for people with disabilities**

  Abstract: It is now commonly accepted that `**Smart   House** ` technology can play a significant part in helping both elderly and disabled people enjoy a...
...examine a number of factors: the development of the appropriate Home Bus technologies and supported **devices** ; the development of the appropriate user interfaces that will allow people with a range of special needs use the system; the incorporation of the requirements of the `**Smart   House** ` **controller** with the other technological needs of the user and the development of mainstream technologies that will affect the cost and availability of **devices** to the user. This paper examines the above points and suggest appropriate actions and trends...

... experiences of the Dublin-based Central Remedial Clinic and in particular, its Client Technical Services **Unit** . The CTSU have been actively engaged in the development of systems for clients and direct...
  Identifiers: **Smart   House** technology...

...supported **devices** ; ...

...Client Technical Services **Unit** ;

32/3,K/2   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2000 Institution of Electrical Engineers. All rts. reserv.

4852818   INSPEC Abstract Number: B9502-6210J-003, C9502-3395-004
  Title: **A cost effective** smart **DTMF telecontroller for** home **automation systems**
  Author(s): Eren, K.; Goh, J.; Siew Meng Tham
  Author Affiliation: Sch. of Electr. & Comput. Eng., Curtin Univ. of Technol., Bentley, WA, Australia
  Conference Title: Third International Symposium on Consumer Electronics
Part vol.1   p.139-44 vol.1
  Publisher: IEE, Hong Kong
  Publication Date: 1994 Country of Publication: Hong Kong   2 vol. xv+545 pp.
  ISBN: 962 442 062 9
  Conference Title: Third International Symposium on Consumer Electronics
  Conference Sponsor: Hitachi; Epson Found; Siemens Components; Ind. Technol. Res. Inst.; Toshiba Electron.; Hong Kong Ind. Technol.Centre
  Conference Date: 14-16 Nov. 1994   Conference Location: Hong Kong
  Language: English
  Copyright 1995, IEE

  Title: **A cost effective** smart **DTMF telecontroller for** home **automation**

systems
   ...Abstract: is directly connected to the incoming telephone lines and it
can control up to 256 **devices** . The information flow between the field
 devices and the telecontroller is realised by a duplexed cost effective
RF communication system. The telecontroller...
   Descriptors: **controllers** ;
   ...Identifiers: field **devices** ;

   32/3,K/3   (Item 3 from file: 2)
DIALOG(R)File   2:INSPEC

4829490   INSPEC Abstract Number: B9501-8110B-034, C9501-3340H-033
   Title: System impact of decentralised AI controllers **operating on
domestic** devices **in the** intelligent home
   Author(s): van Harmelen, G.L.; Lane, I.E.; Hancke, G.P.
   Author Affiliation: Dept. of Electr. and Electron. Eng., Pretoria Univ.,
South Africa
   Part vol.3   p.1111-14 vol.3
   Publisher: IEEE, New York, NY, USA
   Publication Date: 1994 Country of Publication: USA   3 vol.+suppl.
(1528+23) pp.
   ISBN: 0 7803 1880 3
   U.S. Copyright Clearance Center Code: 0 7803 1880 3/94/$4.00
   Conference Title: Proceedings of IEEE Instrumentation and Measurement
Technology Conference - IMTC '94
   Conference Sponsor: IEEE Instrum. & Meas. Soc.; Soc. Instrum. & Control
Eng., Japan; Inst. Electr. Eng. Japan; Inst. Electron., Inf. & Commun. Eng.
; Japan Soc. Appl. Phys.; Japan Electr. Measuring Instrum. Manuf. Assoc
   Conference Date: 10-12 May 1994   Conference Location: Hamamatsu, Japan
   Language: English

   Title: System impact of decentralised AI controllers **operating on
domestic** devices **in the** intelligent home
   Identifiers: decentralised AI **controllers** ; ...

...domestic **devices** ; ...

...**intelligent   home** ;

   32/3,K/4   (Item 4 from file: 2)
DIALOG(R)File   2:INSPEC

03960717   INSPEC Abstract Number: B91058470, C91057037
   Title: Smart **enabling system for** home **automation**
   Author(s): Stauffer, H.B.
   Author Affiliation: Smart House, Upper Marlboro, MD, USA
   Journal: IEEE Transactions on Consumer Electronics   vol.37, no.2   p.
xxix-xxxv
   Publication Date: May 1991 Country of Publication: USA
   CODEN: ITCEDA ISSN: 0098-3063
   U.S. Copyright Clearance Center Code: 0098-3063/91/020000xxix$01.00
   Language: English

   Title: Smart **enabling system for** home **automation**
   Abstract: The author describes an enabling system called **SMART   HOUSE**
that provides the common resources needed for home automation in a
multiproduct, multivendor environment. The system includes the following: a
system **controller** , housewide wiring network, communications protocols,
standard interfaces (outlet designs) for connecting other products, and
basic...

... automation functionality depends on the addition of other products such
as more complex user controls, **appliances** that include consumer

electronics, and application-specific **controllers** for energy management, security, climate control, etc. These compatible **appliances** and **controllers** are equipped with proprietary communications circuits that permit them to communicate with the system **controller** and with each other. The author provides a concise technical description of the system, concentrating...

...Identifiers: compatible **controllers** , smart enabling system...

...**SMART HOUSE** ; ...

...system **controller** ; ...

...application-specific **controllers** ; ...

...compatible **appliances** ;

32/3,K/5   (Item 5 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2000 Institution of Electrical Engineers. All rts. reserv.

03836340   INSPEC Abstract Number: C91021449
 Title: **Home automation: a standard story**
 Author(s): Martin, D.
 Journal: Electrical Review   vol.224, no.1   p.23-4
 Publication Date: 11-24 Jan. 1991   Country of Publication: UK
 CODEN: ELREAG ISSN: 0013-4384
 Language: English

  Abstract: A fully automated home would enable programmable control of all domestic **appliances** , transmission of data between **equipment** around the house and remote control of the home by telephone. The author looks at different **devices** that can be used in the **smart** **house** .
 ...Descriptors: programmable **controllers**
 ...Identifiers: domestic **appliances** ;

32/3,K/6   (Item 6 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2000 Institution of Electrical Engineers. All rts. reserv.

03516875   INSPEC Abstract Number: B90003763
 Title: **Transmission over 220 V: the power package in data transport (cable TV)**
 Author(s): Wittmann, G.
 Journal: Funkschau   no.17   p.59-60
 Publication Date: 11 Aug. 1989 Country of Publication: West Germany
 CODEN: FUSHA2 ISSN: 0016-2841
 Language: German

 Title: **Transmission over 220 V: the power package in data transport (cable TV)**
 Abstract: The author's firm has developed a Hotel Pay-**TV** system-Argus 2000-in which all control and monitoring operations are mains-borne, suitably protected...

...filters. The core of Argus is a PC and the so-called communications- and mains **unit** '**managers** '. The 1st organizes the selection and transmission of programs from video recorders, feeds them to a community aerial and distributes them via concentrators. Each room **TV** has a built-in slave **unit** which responds to signals determining choice, duration and price of a program. These signals are FSK-modulated and error-corrected, and sent at 300 Baud by the mains **manager** via SBC's (Signal/Booster/Corrector). The basic system would serve the ' **intelligent** ' **house** of the future. A schematic diagram of the complete Argus 2000 is reproduced. A 2nd...

... shows a bus structure model for diverse combinations of boosters and

slaves, up to 258 **units** per system.
  Descriptors: cable **television** ;
  ...Identifiers: cable **TV** ; ...

...Hotel Pay-**TV** system...

...slave **unit** ;

32/3,K/7   (Item 7 from file: 2)
DIALOG(R)File   2:INSPEC

03195590   INSPEC Abstract Number: B88055733, C88048491
  Title: The intelligent **electric** house : **comfort with electricity,
intelligence thanks to home automation (Domotique project)**
  Journal: Revue de l'Energie   vol.39, no.400   p.90-1
  Publication Date: Feb.-March 1988 Country of Publication: France
  CODEN: REEND7 ISSN: 0303-240X
  Language: French

  Title: The intelligent **electric** house : **comfort with electricity,
intelligence thanks to home automation (Domotique project)**
  Abstract: Describes a remotely controlled programmer for electrical
 appliances , which can control heating, **lighting** , metering, tariff
change-over and burglar alarms, with reprogramming and interrogation over
the telephone system via the French PPT's Minitel terminal. The **controller**
 was developed by Electricite de France, and is manufactured by the
AIRELEC/SELCO companies.
  ...Descriptors: domestic **appliances** ;
  Identifiers: **intelligent** electric **house** ; ...

...**lighting** ; ...
...**controller** ;

32/3,K/8   (Item 8 from file: 2)
DIALOG(R)File   2:INSPEC

02930260   INSPEC Abstract Number: B87048467, C87044346
  Title: Home bus controller
  Author(s): Sakon, T.; Sasanuma, H.; Ono, Y.; Ikezaki, M.; Nakatsu, H.
  Author Affiliation: Matsushita Electr. Ind., Osaka, Japan
  Journal: National Technical Report   vol.32, no.6   p.801-8
  Publication Date: Dec. 1986 Country of Publication: Japan
  CODEN: NTROAV ISSN: 0028-0291
  Language: Japanese

  Title: Home bus controller
  Abstract: The standardization of home bus systems (HBS), which is
important for the realization of ' **intelligent** ' **houses** , is being
promoted by those in this business. A home bus **controller** (HBC), which is
the nucleus of the HBS, has been developed for the public switched...

...home bus, and manages the use of the home bus which is used by the
 appliances on the bus. These functions are made possible by the
employment of a one chip...
  ...Descriptors: **controllers** ;
  ...Identifiers: home bus **controller** ;

32/3,K/9   (Item 9 from file: 2)
DIALOG(R)File   2:INSPEC

02867138   INSPEC Abstract Number: B87031084, C87021147

Title: **An** intelligent home controller
 Author(s): Boles, A.D.; Kassam, M.; Mikhail, S.
 Author Affiliation: Ryerson Polytech. Inst., Toronto, Ont., Canada
 Conference Title: IEEE ELECTRONICOM '85. Conference Proceedings (Cat.
No.85CH2238-4) p.248-51 vol.1
 Publisher: IEEE, New York, NY, USA
 Publication Date: 1985 Country of Publication: USA 3 vol. 675 pp.
 U.S. Copyright Clearance Center Code: 85CH2238-4/0248$01.00
 Conference Sponsor: IEEE
 Conference Date: 7-9 Oct. 1985 Conference Location: Toronto, Ont.,
Canada
 Language: English

 Title: **An** intelligent home controller
 Abstract: The **Intelligent Home Controller** is a stand-alone **unit**
designed to integrate the many controllable functions found in a **home** .
Heating, air-conditioning, **appliance** and light control are all
user-programmable over a seven day schedule. Intrusion and fire alarms are
also monitored and trigger a programmed response. **Appliances** and **lights**
are switched using commercially available remote modules and power-line
carrier techniques. All other connections to the **unit** are hardwired.
Battery backup ensures that data and time are preserved in the event of...
 ...Descriptors: domestic **appliances** ; ...

...telecontrol **equipment** ;
 Identifiers: **lights** control...

...**appliance** control...

...**intelligent home controller** ; ...

...stand-alone **unit** ;

 32/3,K/10 (Item 10 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2000 Institution of Electrical Engineers. All rts. reserv.

02592904 INSPEC Abstract Number: B86011546
 Title: **Guide to new sensors. IV.** Intelligent home appliances **will
need more sophisticated sensors**
 Author(s): Ichinose, N.
 Author Affiliation: Waseda Univ., Tokyo, Japan
 Journal: JEE (Journal of Electronic Engineering) vol.22, no.225 p.
90-1
 Publication Date: Sept. 1985 Country of Publication: Japan
 CODEN: JEENDL ISSN: 0385-4507
 Language: English

 Title: **Guide to new sensors. IV.** Intelligent home appliances **will
need more sophisticated sensors**
 Abstract: For pt.III see ibid., vol.22, no.224, p.84-5 (1985).
Appliances that contribute to the convenience, comfort, safety and
security of users, with easy operation and...

... at how semiconductor and microelectronics technologies could be used to
monitor and control the various **appliances** found in the **home** such as
microwave ovens, washing machines, etc. The heating, **lighting** , and air
conditioning **equipment** would also be included in any integrated control
system and this is illustrated, showing the use of a main **controller** and
subcontrollers.
 ...Descriptors: domestic **appliances** ; ...

...electric sensing **devices** ; ...

...**lighting** ;
 Identifiers: electric sensing **devices** ; ...

...domestic **appliances** ; ...

...**lighting** ;

32/3,K/11   (Item 11 from file: 2)
DIALOG(R)File   2:INSPEC

02442071   INSPEC Abstract Number: C85024144
 Title: **Building intelligence into disk drives**
  Author(s): Freedland, R.
  Journal: Computer Systems   vol.4, no.10   p.93-5
  Publication Date: Oct. 1984 Country of Publication: UK
  CODEN: COSYEG ISSN: 0264-4193
  Language: English

  ...Abstract: in compact, easily integrated packages is to introduce
'intelligent' Winchester products. Such drives are designated '**intelligent**
' because **housekeeping** functions previously handled by the host CPU, like
formatting, data error detection and correction and...

... host level interface within the drive. By relieving the host of many
tasks and achieving **device** independence. SCSI provides simplified system
integration and improved drive performance.
  Identifiers: drive/**controller** interfacing...

...**device** independence

32/3,K/12   (Item 1 from file: 6)
DIALOG(R)File   6:NTIS

1321631 NTIS Accession Number: DE87010241
 Evaluation of Single-Board Microcontroller Suitable for Rapid Prototyping
  Edwards, R.
  Oak Ridge National Lab., TN.
  Corp. Source Codes: 021310000; 4832000
  Sponsor: Department of Energy, Washington, DC.
  Report No.: ORNL/TM-10361
  Feb 87   38p
  Languages: English
  Journal Announcement: GRAI8722; NSA1200
  Portions of this document are illegible in microfiche products. Original
copy available until stock is exhausted. Order this product from NTIS by:
phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries);
fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is
located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
  NTIS Prices: PC A03/MF A01

  ... board microcontroller suitable for rapid prototyping. The work was
conducted for the National Association of **Home** Builders **Smart · House**
Project. The Project will help manufacturers use advanced technology in the
development of new products for communications, energy distribution, and
appliance control. Testing **Smart   House** hardware prototypes will
require a general-purpose microcontroller. To provide this adaptability, a
prototyping **controller** must offer a broad spectrum of functions that are
easily used by a laboratory technician...

... is optimized for laboratory use, a prototyping microcontroller may not
be suitable for commercially-available **Smart   House** products. The report
presents a set of rapid-prototyping requirements based on past ORNL
experience...
  Descriptors: **Appliances** ; *Houses; *Microprocessors; Control Systems;
Evaluation; Uses

Identifiers: Laboratories; *Computer aided manufacturing; *Software engineering; *Computer aided software engineering; ERDA/990200; Smart House project; Manufacturing; Prototypes; Tests; Control units (Computers); Control systems; NTISDE

32/3,K/13   (Item 1 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2000 Engineering Info. Inc. All rts. reserv.

04068447   E.I. No: EIP95022563102
  Title: **System impact of decentralized AI** controllers **operating on domestic** devices **in the** intelligent home
  Author: Van Harmelen, G.L.; Lane, I.E.; Hancke, G.P.
  Corporate Source: Univ of Pretoria, Pretoria, S Afr
  Conference Title: Proceedings of the 1994 IEEE Instrumentation and Measurement Technology Conference
  Conference Location: Hamamatsu, Jpn
  E.I. Conference No.: 42345
  Source: Conference Record - IEEE Instrumentation and Measurement Technology Conference v 3 1994. IEEE, Piscataway, NJ, USA,94CH3424-9. p 1111-1114
  Publication Year: 1994
  CODEN: CRIIE7
  Language: English

  Title: **System impact of decentralized AI** controllers **operating on domestic** devices **in the** intelligent home
  ...Descriptors: Adaptive control systems; Electric variables measurement; Electric load flow; Computer software; Object oriented programming; Domestic **appliances**

32/3,K/14   (Item 2 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2000 Engineering Info. Inc. All rts. reserv.

04032546   E.I. No: EIP95012509258
  Title: **Visual communication system in an apartment house using only twisted paired cable**
  Author: Kato, Masami; Kamimura, Touru; Kumagai, Akio
  Corporate Source: Sanyo Electric Co, Ltd, Gifu, Jpn
  Conference Title: Proceedings of the IEEE International Conference on Consumer Electronics
  Conference Location: Chicago, IL, USA Conference Date: 19940621-19940623
  E.I. Conference No.: 21510
  Source: Digest of Technical Papers - IEEE International Conference on Consumer Electronics 1994. IEEE, Piscataway, NJ, USA,94CH3363-9. p 110-111
  Publication Year: 1994
  CODEN: DTPEEL   ISSN: 0747-668X
  Language: English

  Descriptors: **Intelligent** buildings; Apartment **houses** ; Visual communication; Video telephone **equipment** ; Telecommunication lines; Voice/data communication systems; Remote control; Telecommunication services; Telecommunication networks; Digital communication systems
  Identifiers: Twisted pair cable; Hyper Network **Controller**

32/3,K/15   (Item 3 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2000 Engineering Info. Inc. All rts. reserv.

03021692   E.I. Monthly No: EIM9102-004349
  Title: **A new display pointing method for synthesized home** equipments.
  Author: Ikezaki, Masao; Kubo, Seiichi; Tanaka, Shotaro; Yamamoto,

Terumasa
  Corporate Source: Matsushita Electric Ind Co, Ltd, Japan
  Conference Title: 1990 International Conference on Consumer Electronics
  Conference Location: Rosemont, IL, USA   Conference Date: 19900606
  E.I. Conference No.: 13986
  Source: IEEE Transactions on Consumer Electronics v 36 n 3 Aug 1990. p
593-601
  Publication Year: 1990
  CODEN: ITCEDA   ISSN: 0098-3063
  Language: English

  Title: **A new display pointing method for synthesized home** equipments.
  ...Abstract: on receiving the remote-control commands for icons which
visualize predetermined factors to operate various **devices** in the system,
is proposed. Furthermore, a method to realize an operational environment,
using a remote-control transmitter employing the proposed method on the
basis of **TV** windows matched with systemized AV **equipment** , is also
proposed. The advantages of the method have been experimentally confirmed
by constructing an interactive remote-control environment applicable to a
home-HDTV (high-definition **television**) system. 6 Refs.
  ...Descriptors: Interactive; **TELEVISION** --
  Identifiers: **INTELLIGENT** BUILDINGS; **HOME** AUTOMATION; INTERACTIVE
REMOTE POINTING; REMOTE **CONTROLLER**

  32/3,K/16   (Item 4 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2000 Engineering Info. Inc. All rts. reserv.

02584005   E.I. Monthly No: EI8806053876
  Title: DOMOTIQUE ET ELECTRICITE: VERS LA MAISON ELECTRIQUE INTELLIGENTE.
  Title: Home Automation and Electricity: Towards a **Smart** Electric **House**
.
  Author: Orfeuil, M.; Berhondo, P.; Gallard, T.; Basset, J. -J.
  Corporate Source: SEPAC, Fr
  Source: Revue de l'Energie v 38 n 392 May 1987 p 214-227
  Publication Year: 1987
  CODEN: REEND7   ISSN: 0303-240X
  Language: French

  Title: Home Automation and Electricity: Towards a **Smart** Electric **House**
.
  ...Abstract: reviewed. Some of the most important proposals are
characterized and listed in a table. The **Smart**   **House** , Transtext, **Home**
 Manager , Synforic, Securiscan, etc. , systems are briefly described and
illustrated by diagrams. In French.
  ...Descriptors: Automation; CONTROL SYSTEMS; DOMESTIC **APPLIANCES** --...

...Control Systems; ELECTRIC **APPLIANCES** --
  Identifiers: DOMOTICS; **HOME** AUTOMATION; **SMART**   **HOUSE**   SYSTEM;
TRANSTEXT SYSTEM; HOME **MANAGER** SYSTEM; SYNFORIC SYSTEM

  32/3,K/17   (Item 5 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2000 Engineering Info. Inc. All rts. reserv.

02547731   E.I. Monthly No: EI8804034652
  Title: SMART HOUSE **WIRED FOR THE ELECTRONIC AGE.**
  Author: Moore, Taylor; Rabl, Veronika; Zimmerman, Orin
  Source: EPRI Journal v 11 n 8 Nov 1986 p 4-15
  Publication Year: 1986
  CODEN: EPRJDS   ISSN: 0362-3416
  Language: ENGLISH

  Title: SMART HOUSE **WIRED FOR THE ELECTRONIC AGE.**
  Abstract: The **Smart**   **House** Development Venture, a project of the

...million new homes built annually at the current rate. The key to
intelligence in a **Smart House** lies in its wiring and power distribution
system. Rather than have all circuits originate from a single point, as in
a conventional **house** , the **Smart House** concept calls for branch
circuit **controllers** , each containing microprocessors distributed
throughout the house and feeding a number of branch circuits. Each
controller distributes programmed power to a cluster of rooms or to a
group of **appliances** – laundry or kitchen **appliances** , for example.
   Identifiers: **SMART HOUSE** ; MICROPROCESSOR CONTROL; POWER DISTRIBUTION
SYSTEM

   32/3,K/18   (Item 1 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2000 INIST/CNRS. All rts. reserv.

   07699403   PASCAL No.: 87-0178943
   Nouvelles technologies. Ou en est la domotique aux Etats-Unis?
   (New technologies. How far have the United States got with home
automation?)
   LATOUR B de
   Journal: Moniteur des travaux publics et du batiment, 1987-03 (10) 69-70
   Language: FRENCH

   ...La commercialisation a largement commence grace a la chute du prix des
composants. Le projet **Smart House** de la NAHB (National Association of
Home Building), reposant sur un cable unique integre a...

... Mais il existe deja 6 produits importants: le Home Minder de General
Electric. le Home **Manager** de **Unity** Systems, le Home Brain d'Hypertek,
Max de la societe Archinetics, Tomorrow House II de..

```
Set     Items     Description
S1     366720     REMOT? OR NETWORK? OR INTERNET OR WWW OR WORLD()WIDE()WEB -
                  OR (WIDE OR LOCAL)()AREA()NETWORK? OR WAN OR DISTANT OR DISTR-
                  IBUT?
S2     309535     SEND OR SENDING OR SENDS OR TRANSMIT? OR TRANSMISSION? ?
S3    1323354     COMMAND? OR INSTRUCTION? OR DIRECTION? OR OPERATION? ? OR -
                  SIGNAL? ? OR ACTIVAT? OR EXECUT? OR REQUEST? OR TURN?()ON
S4     107566     CONTROLLER? OR MANAGER? OR DIRECTOR?
S5     892204     DEVICE? OR UNIT? ? OR PERIPHERALS? ? OR VIDEO()DECK? ? OR -
                  APPARATUS OR EQUIPMENT?
S6     105004     APPLIANCE? ? OR (HOME OR HOUSE)(3N)APPLIANCE? OR STOVE? ? -
                  OR MICROWAVE OR LIGHTS OR LIGHTING OR VCR OR TV OR TELEVISION
S7         60     ELECTRIC?()POWER()GRID? ?
S8        148     (SMART OR INTELLIGENT)(3N)(HOUSE? OR HOME?)
S9     959831     EMBED? OR COMBIN? OR AFFIX? OR ADJOIN? OR JOIN? OR ATTACH?
                  OR ADD? OR INSERT? OR AUGMENT? OR APPEND? OR INCORPORAT?
S10     53760     (ELECTRONIC OR E OR VIRTUAL)(3N)(MAIL OR MESSAGE? OR DATA -
                  OR INFORMATION) OR EMAIL
S11        10     S8(S)S10
S12      4031     S1(5N)S2(3N)S3
S13     64562     S4(S)(S5 OR S6 OR S7)
S14      3542     S9(5N)S10
S15         2     S12(S)S13(S)S14
S16         1     S12(S)S13(S)(USING OR VIA)(3N)S10
S17         1     S16 NOT S15
S18       332     S12(S)S13
S19         2     S18(S)S8
S20         1     S19 NOT (S15 OR S16)
S21        33     S18(S)S10
S22        29     S21 NOT (S20 OR S15 OR S16)
S23         0     S22(S)INERNET
S24        29     S22(S)S1
S25         6     S24 NOT AD=19970318:20000131/PR
S26     21366     S4(3N)(S5 OR S6 OR S7)
S27        44     S26(10N)(USING OR VIA)(3N)S10
S28      2371     IC=G11B-015
S29         0     S27 AND S28
S30        35     S27 NOT AD=19970318:20000131/PR
S31        35     S30 NOT (S15 OR S20 OR S17 OR S25)
```

00652555
SYSTEM FOR PROCESSING AND STORING INTERNET BOOKMARK ADDRESS LINKS
SYSTEME DE TRAITEMENT ET D'ENREGISTREMENT DE LIENS D'ADRESSAGE POUR SIGNETS
    INTERNET
Patent Applicant/Assignee:
  BURKE Alexander J, BURKE, Alexander, J., The Law Offices, 3 Glenside
    Terrace, Upper Montclair, NJ 07043, US
Inventor(s):
  BURKE Alexander J, BURKE, Alexander, J., The Law Offices, 3 Glenside
    Terrace, Upper Montclair, NJ 07043, US
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9935777 A2 19990715
  Application: WO 99US282 19990107 (PCT/WO US9900282)
  Priority Application: US 984409 19980108
Designated States: CN JP KR AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
  PT SE
Publication Language: English
Filing Language: English
Fulltext Word Count: 5570

Fulltext Availability:
  Detailed Description

Detailed Description
... web page information, for example.

  Considering Figure 1 in detail, a User enters commands to **controller** 30
  via keyboard 20 and keyboard interface 25 within User terminal 10 (e.g. a
  computer with Internet access capability). **Units** 20 and 25 in other
  embodiments may comprise any data entry **device** and compatible interface
  including a remote control **unit** , computer mouse system or telephone
  keypad, for example. **Controller** 30 directs operation of modem 35 using
  a bi directional data and control signal bus C. **Controller** 30
  incorporates a display interface and provides a display signal via the
  interface to an NTSC compatible video reproduction **unit** 39 for
  providing a visual User interface such as PC computer display, for
  example. **Controller** 30, in conjunction with modem 35, establishes
  Internet communication with remote Internet system 15 via...

...a telephone number and transmitting an Internet URL address code of
  remote Internet system 15. **Controller** 30, in conjunction with modem 35,
  establishes communication with processing system 15 using **Transmission**
  Control Protocol/**Internet** Protocol (TCP/IP) and Hypertext **Transmission**
   Protocol (HTTP). Hypertext **Transmission** Protocol 1.1 is specified in
  RFC2068 (**Request** For Comment document 2068) January 1997 and other HTTP
  versions and features (e.g. HTTP...documents which are available via the
  Internet and are prepared by Internet standards working groups.
 Controller 40, in conjunction with modem 45, within remote Internet
  system 15 (e.g. an Internet...

...User terminal 10 and other terminals (not shown to preserve drawing
  clarity). Within system 15 **controller** directs operation of modem 45
  using a bi-directional data and control signal bus D...

...may be combined with other Internet services. For example, a bookmark
  storage service may be **combined** with an **Email** service (such as
  HotmailTM) to advantageously offer enhanced Internet functions.

  Controller 30 (Figure 1), employs...

00592217
A COMMUNICATION SYSTEM ARCHITECTURE
ARCHITECTURE D'UN SYSTEME DE COMMUNICATION
Patent Applicant/Assignee:
  MCI COMMUNICATIONS CORPORATION, MCI COMMUNICATIONS CORPORATION , 1133
    19th Street, N.W., Washington, DC 20036 , US
  EASTEP Guido M
  LITZENBERGER Paul R
  OREBAUGH Shannon R
  ELLIOTT Isaac K
  STELLE Rick
  SCHRAGE Bruce
  BAXTER Craig A
  ATKINSON Wesley
  KNOSTMAN Chuck
  CHEN Bing
  VANDERSLUIS Kristan
Inventor(s):
  JUN Fang, JUN, Fang , ,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9834391 A2 19980806
  Application: WO 98US1868 19980203 (PCT/WO US9801868)
  Priority Application: US 97794555 19970203; US 97794114 19970203; US
    97794689 19970203; US 97807130 19970210; US 97798208 19970210; US
    97795270 19970210; US 97797964 19970210; US 97800243 19970210; US
    97798350 19970210; US 97797445 19970210; US 97797360 19970210
Designated States: AU CA GM GW ID JP MX AT BE CH DE DK ES FI FR GB GR IE IT
  LU MC NL PT SE
Publication Language: English
Filing Language: English
Fulltext Word Count: 175822

Fulltext Availability:
  Detailed Description

Detailed Description
... on Internet telephony operations, allowing a caller to reserve a time
  for a call, facilitating **Internet** telephony **operations** to be added to
  a callback service, adding a multidimensional conferencing feature to
  existing telephony...the packet transmission network based on the at
  least one call parameter. An automated response **unit** is provided. A
  pluraiity of functions is made available from a single connection to the
  automated response **unit** .
  In still another aspect of a preferred embodiment of the invention, a
  computer program embodied...

...network based on the at least one call parameter. Fourth software
  provides an automated response **unit** . Fifth software makes a plurality
  of functions available from a single connection to the automated response
  unit .

  In another aspect of a preferred embodiment of the invention, telephone
  calls, data and other...way to automatically invoke the IP phone software
  when the IP stack is started.

  The **directory** service is envisioned as a distributed system, somewhat
  like the Internet Domain Name System, for...

...a collect call). Alternatively, we can insist that the caller also be
  registered in the **directory** and billed through that mechanism (this is
  desirable since we charge for the registration and...

17/3,K/1   (Item 1 from file: 349)
DIALOG(R)File 349:PCT Fulltext
(c) 2000 WIPO/MicroPat. All rts. reserv.

00577375
A COMMUNICATION SYSTEM ARCHITECTURE
SYSTEME, PROCEDE ET PRODUIT MANUFACTURE POUR L'ARCHITECTURE D'UN SYSTEME DE COMMUNICATION
Patent Applicant/Assignee:
 MCI COMMUNICATIONS CORPORATION, MCI COMMUNICATIONS CORPORATION , 1133 19th Street, N.W., Washington, DC 20036 , US
Inventor(s):
 ELLIOTT Isaac K, ELLIOTT, Isaac, K. , 3855 Orchard Drive, Colorado Springs, CO 80920 , US
 STEELE Rick D, STEELE, Rick, D. , 6314 Dessbury Drive, Colorado Springs, CO 80918 , US
 GALVIN Thomas J, GALVIN, Thomas, J. , 1085 Milstead Drive, Hiawatha, IA 52233 , US
 LAFRENIERE Lawrence L, LAFRENIERE, Lawrence, L. , 3220 Brunswick Drive, Colorado Springs, CO 80920 , US
 KRISHNASWAMY Sridhar, KRISHNASWAMY, Sridhar , 7312 Beckett Drive, N.E., Cedar Rapids, IA 52402 , US
 FORGY Glen A, FORGY, Glen, A. , 19 Montrose Avenue, Iowa City, IA 52245 , US
 REYNOLDS Tim E, REYNOLDS, Tim, E. , 3123 Juniper Drive, Iowa City, IA 52245 , US
 SOLBRIG Erin M, SOLBRIG, Erin, M. , 3405 Guadalajara Road, S.W., Cedar Rapids, IA 52404 , US
 CERF Vinton, CERF, Vinton , 3614 Camelot Drive, Annadale, VA 22003 , US
 GROSS Phil, GROSS, Phil , 20331 Cockerill Road, Purceville, VA 22132 , US
 DUGAN Andrew J, DUGAN, Andrew, J. , 2025 Tabor Court, Colorado Springs, CO 80919 , US
 SIMS William A, SIMS, William, A. , 4930 Townsend Drive, Colorado Springs, CO 80922 , US
 HOLMES Allen, HOLMES, Allen , 5375 Chambrey Court, Colorado Springs, CO 80919 , US
 SMITH Robert S II, SMITH, Robert, S., II , 5045 Dorset Lane, Suwanee, GA 30174 , US
 KELLY Patrick J III, KELLY, Patrick, J., III , 2710 Briarhurst Drive, Houston, TX 77057 , US
 GOTTLIEB Louis G, GOTTLIEB, Louis, G. , 6639 Foxdale Circle, Colorado Springs, CO 80919 , US
 COLLIER Matthew T, COLLIER, Matthew, T. , 12983 Thistlethorn Drive, Herndon, VA 20171 , US
 WILLE Andrew N, WILLE, Andrew, N. , 3380 Oriole Court, N.E., Cedar Rapids, IA 52401 , US
 RINDE Joseph, RINDE, Joseph , 7706 Fontaine Street, Potomac, MD 20854 , US
 LITZENBERGER Paul D, LITZENBERGER, Paul, D. , 420 West Oak Street, Wylie, TX 75098 , US
 TURNER Don A, TURNER, Don, A. , 4204 Magnolia Drive, McKinney, TX 75070 , US
 WALTERS John J, WALTERS, John, J. , 2601 Lexington, McKinney, TX 75070 , US
 EASTEP Guido M, EASTEP, Guido, M. , 3005 Saint Germain Drive, McKinney, TX 75070 , US
 MARSHALL David D, MARSHALL, David, D. , 1008 Serenade Lane, Richardson, TX 75081 , US
 PRICE Ricky A, PRICE, Ricky, A. , 2991 Hillingdon Drive, Richardson, TX 75082 , US
 SALEH Bilal A, SALEH, Bilal, A. , 1205 E. Camp McDonald Road, Prospect Heights, IL 60070 , US
Patent and Priority Information (Country, Number, Date):
 Patent: WO 9823080 A2 19980528
 Application: WO 97US21174 19971114 (PCT/WO US9721174)
  Priority Application: US 96751203 19961118; US 96751668 19961118; US 96752271 19961118; US 96758734 19961118; US 96751209 19961118; US

96751661 19961118; US 96752236 19961118; US 96752487 19961118; US
96752269 19961118; US 96751923 19961118; US 96751658 19961118; US
96752552 19961118; US 96751933 19961118; US 96751663 19961118; US
96746899 19961118; US 96751915 19961118; US 96752400 19961118; US
96751922 19961118; US 96751961 19961118
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
  FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
  MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU
  ZW GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES
  FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD
  TG
Publication Language: English
Filing Language: English
Fulltext Word Count: 188452

Fulltext Availability:
  Detailed Description

Detailed Description
... the notification can include the caller's identity, when known.) Once
  the directory system is **distributed** it will be necessary to query the
  other copies if contact cannot be ...the number of encryption setup
  mechanisms. This will be another interoperability resolution function for
  the **directory** service. The **directory** service can provide support for
  public key applications and can provide public key certificates issued...
  To call a PSTN destination the PC caller specifies a domestic E. 164
  address. The **directory** system maps that address to an Internet dial out
  unit based on the NPA-NXX. The expectation is that the dial out **unit**
  will be close to the destination and therefore will be a local call. One
  problem is how to handle the case where there is no "local" dial out
  unit . Another problem is what to do if the "local" out dial **unit** is
  full or otherwise not available.

  Three approaches are possible. One approach is to offer...Internet via a
  dial-up access device.

  A client computer 1080 dials the Internet Access **Device** . The Access
  Device answers the call and plays modem tone. Then, the client computer
  and the access **device** establishes a PPP session. The user on the Client
  Computer is authenticated (usernarne/password prompt, validated by an
  authentication server). Once the user passes authentication, the Access
  Device can automatically update the User Profile in the **Directory**
  Service for the user who was authenticated, depositing the following
  information "User Name" "Account Code" "online timestamp" "Access **Device**
  Site Code"
  Later, when the Client Computer requires access through an Internet
  Telephony Gateway, it queries the **Directory** Service 1082 to determine
  the best choice of Internet Telephony 188 Gateway. If an Access **Device**
  Site Code is found in the User's Profile on the **Directory** Service, the
  Directory Service 1082 selects the Internet Telephony Gateway 1084, 1081
  and 1086 at the same site...

...Telephony Gateway 1084, 1081 and 1086 is unavailable at the same site as
  the Access **Device** Site Code, then the next best choice is selected
  according to a network topology map kept on the **directory** server.

  If no Access **Device** Site Code is found on the **directory** server 1082,
  then the client 1080 has accessed the network through a **device** which
  cannot update the **directory** server 1082. If this is the case, the
  Client Ping Method described above is used...external systems, as will be
  described. The various network elements that generate events include
  Network **Controllers** 314, International and Domestic SPs 316/102, STPs
  104, and PMUs 106. Network **Controllers** 314 are **devices** that switch
  circuits based on external commands. They utilize SS7 signaling in the
  same manner...

...circuits that are monitored.

All SPs 102/316, STPs 104, PMU 106, and SS7 Network **Controllers** 314 transmit network events to SNMS via communications networks. This eliminates the need for SNMS to maintain a session with each of the **devices** . In one typical embodiment, as illustrated in Fig.

3, an Asynchronous Data Communications Network 320...

DIALOG(R)File 349:PCT Fulltext

00601493
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR SWITCHED TELEPHONY COMMUNICATION
SYSTEME PROCEDE ET ARTICLE CONCU POUR LES COMMUNICATIONS TELEPHONIQUES PAR RESEAU COMMUTE
Patent Applicant/Assignee:
  MCI COMMUNICATIONS CORPORATION, MCI COMMUNICATIONS CORPORATION , 1133 19th Street, N.W., Washington, DC 20036 , US
Inventor(s):
  ZEY David A, ZEY, David, A. , 4208 Ragsdale Court, Fuquay-Varina, NC 27526 , US
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9847298 A2 19981022
  Application: WO 98US7927 19980415 (PCT/WO US9807927)
  Priority Application: US 97835789 19970415; US 97834320 19970415
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
  FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
  MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
  GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK
  ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN
  TD TG
Publication Language: English
Filing Language: English
Fulltext Word Count: 175758

Fulltext Availability:
  Detailed Description

Detailed Description
... can be classified as follows:

  * Content;

  -Signaling; or
  - Data.

  Normally, a customer interacting with the **intelligent** network will
  require all three types of information flows.

  a) Content
  Content flows contain the...Internet may be used for Internet telephony,
  but it may also be simply used for **Internet** access. When this device is
  used for **Internet** telephony, it behaves differently than the ITG.
  Although the IAD is connected to the PSTN...

...access to the Internet.

  PBX 1 PBX 2 Private Brach Exchange - This is customer premise **equipment**
  that provides connection between phones that are geographically
  co-located. The PBX also provides a **Directory** Service for assistance
  with call routing. This capability does not exist in today's PBXs...

...the VNET call flows for this document, a possible interaction between
  the PBX and the **Directory** Service is shown. These PBXs also show a
  connection to an ITG. These ITGs provide...Internet via a dial-up access
  device.

  A client computer 1080 dials the Internet Access **Device** . The Access
 Device answers the call and plays modem tone. Then, the client computer
  and the access **device** establishes a PPP session. The user on the Client
  Computer is authenticated (username/ password prompt, validated by an
  authentication server). Once the user passes authentication, the Access
 Device can automatically update the User Profile in the **Directory**

Service for the user who was authenticated, depositing the following information "User Name" "Account Code" "online timestamp" "Access **Device** Site Code"

Later, when the Client Computer requkes access through an Internet Telephony Gateway, it queries the **Directory** Service 1082 to determine the best choice of Internet Telephony Gateway. If an Access **Device** Site Code is found in the User's Profile on the **Directory** Service, the **Directory** Service 1082 selects the Internet Telephony Gateway 1084, 1081 and 1086 at the same site...

...Telephony Gateway 1084, 1081 and 1086 is unavailable at the same site as the Access **Device** Site Code, then the next best choice is selected according to a network topology map kept on the **directory** server.

If no Access **Device** Site Code is found on the **directory** server 1082, then the client 1080 has accessed the network through a **device** which cannot update the **directory** server 1082. If this is the case, the Client Ping Method described above is used...as will 2 & --T be described. The various network elements that generate events include Network **Controllers** 314, International and Domestic SPs 316/102, STPs 104, and PMUs 106. Network **Controllers** 314 are **devices** that switch circuits based on external commands. They utilize SS7 signahng in the same manner...
...circuits that are monitored.

All SPs 102/316, STPs 104, PMU 106, and SS7 Network **Controllers** 314 transmit network events to SNMS via communications networks. This eliminates the need for SNMS to maintain a session with each of the **devices** . In one typical embodiment, as illustrated in Fig. 3, an Asynchronous Data Communications Network 320 is used to transport events from Network **Controllers** 314 and International SPs 316. An IBM mainframe Front End Processor (FEP) 324, such as...

00594698
NETWORK ATTACHED VIRTUAL TAPE DATA STORAGE SUBSYSTEM
SOUS-SYSTEME MEMOIRE DE DONNEES SUR BANDE MAGNETIQUE VIRTUEL ET ATTACHE A UN RESEAU
Patent Applicant/Assignee:
  STORAGE TECHNOLOGY CORPORATION, STORAGE TECHNOLOGY CORPORATION, 2270
    South 88th Street, Louisville, CO 80028, US
Inventor(s):
  NGUYEN Thai, NGUYEN, Thai, 2638 E. 102nd Avenue, Thornton, CO 80229, US
  RAYMOND Robert Michael, RAYMOND, Robert, Michael, 6133 Songbird Circle,
    Boulder, CO 80303, US
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9840810 A2 19980917
  Application: WO 98US4910 19980312   (PCT/WO US9804910)
  Priority Application: US 97815739 19970312
Designated States: JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Filing Language: English
Fulltext Word Count: 9045

Fulltext Availability:
  Detailed Description

Detailed Description
...   system software which resides in the automated cartridge library
    system controller ACSC via the control **network** CN. The automated tape
    cartridge library system software receives the request and ascertains the
    physical...

...the automated tape cartridge library system ACS and which is connected
    to the fiber channel **network** FN. The automated tape cartridge library
    system software transmits control signals to the automated tape...

...Once the tape mount is successful, the automated tape cartridge library
    system software notifies the **network** resource allocation RA manager
    software via the control **network** CN and the **network** resource
    allocation RA manager software transmits a RESERVED command to the
    SCSI-to-fiber channel...

...to reserve the identified tape device TD4 for the data processor DP1
    that has the **network** address < HOST SCSI ID> < HOST BRIDGE ID> . The
  network resource allocation RA manager software also transmits a TARGET
    BRIDGE ID command to the SCSI...
...SCSI-to-fiber channel bridge C138 that serves the identified tape device
    TD4. Once the **network** resource allocation RA manager software reserves
    the identified tape device TD4 for the requesting data...

...can now transmit SCSI commands to the identified tape device TD4 via the
    fiber channel **network** FN. Data processor DP1 has device driver software
    that satisfies the various virtual device configurations of the tape
    devices TD 1 -TD5 that are part of the **virtual** tape **data** storage
    subsystem.

  When the requesting data processor DP1 completes the desired operations,
    the requesting data...

00592199
SECURE AUTHENTICATION KEY MANAGEMENT

GESTION SURE DE CLEF D'AUTHENTIFICATION
Patent Applicant/Assignee:
  SYNACOM TECHNOLOGY INC, SYNACOM TECHNOLOGY, INC. , Suite 205, 4340
    Stevens Creek Boulevard, San Jose, CA 95129 , US
Inventor(s):
  CHAN Yick Man, CHAN, Yick, Man , 633 Chimalus Drive, Palo Alto, CA 94306
    , US
  GALLAGHER Michael D, GALLAGHER, Michael, D. , 2465 Raleigh Drive, San
    Jose, CA 95124 , US
  GRENCIONS Vilnis G, GRENCIONS, Vilnis, G. , 193 Saratoga Avenue, Santa
    Clara, CA 95050 , US
  SNYDER Randall A, SNYDER, Randall, A. , 444 Saratoga Avenue, Santa Clara,
    CA 95050 , US
  LEE Ming J, LEE, Ming, J. , 675 Blinn Court, Los Altos, CA 94024 , US
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9834370 A1 19980806
  Application: WO 98US1348 19980123   (PCT/WO US9801348)
  Priority Application: US 97791992 19970131
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
  FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG
  MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN
  YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE
  DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE
  SN TD TG
Publication Language: English
Filing Language: English
Fulltext Word Count: 10381

Fulltext Availability:
  Detailed Description

Detailed Description
... present invention.

  After generating 710 the A-key, the SAMS 204 stores 712 the
  authentication **information** , e .g., the A-Key, MS **information** , e
  .g., the ESN of the MS 102, and additional **information** , e .g., a
  validator unit identifier to identify the validator unit 506, in the SAMS
  authentication...

  ...can be in the form of a database, for example. The SAMS A-key
  generation/ **distribution** unit 434 then encrypts the A-key and transmits
  714 the encrypted A-key to...

  ...signal using the secret key to identify the A-key. The validator A-key
  generation/**distribution** unit 514 along with the MS interface 512 and
  the 1/0 controller 510 automatically...

  ...validator unit 506 and the SAMS 204 have been established. The validator
  A-key generation/**distribution** **unit** 514 can **transmit** 718 an
  acknowledgment **signal** to the SAMS 204 to indicate that the A-key
  programming operation has been successful...

  ...above described system generates and programs an A-key into an MS 102 at
  a **remote** location, e.g., at the point of sale of the MS 102, in a
  secure...

  25/3,K/3   (Item 3 from file: 349)
  DIALOG(R)File 349:PCT Fulltext
  (c) 2000 WIPO/MicroPat. All rts. reserv.

  00592198
  AUTHENTICATION KEY MANAGEMENT SYSTEM AND METHOD
  DISPOSITIF ET PROCEDE DE GESTION DE CLE D'AUTHENTIFICATION
  Patent Applicant/Assignee:
    SYNACOM TECHNOLOGY INC, SYNACOM TECHNOLOGY, INC. , Suite 205, 4340

Stevens Creek Boulevard, San Jose, CA 95129 , US
Inventor(s):
  CHAN Yick Man, CHAN, Yick, Man , 633 Chimalus Drive, Palo Alto, CA 94306
    , US
  SNYDER Randall A, SNYDER, Randall, A. , 444 Saratoga Avenue, Santa Clara,
    CA 95050 , US
  LEE Ming J, LEE, Ming, J. , 675 Blinn Court, Los Altos, CA 94024 , US
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9834369 A1 19980806
  Application: WO 98US1347 19980123   (PCT/WO US9801347)
  Priority Application: US 97792513 19970131
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
  FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG
  MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN
  YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE
  DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE
  SN TD TG
Publication Language: English
Filing Language: English
Fulltext Word Count: 10398

Fulltext Availability:
  Detailed Description

Detailed Description
... present invention.

  After generating 710 the A-key, the SAMS 204 stores 712 the
  authentication **information** , e .g., the A-Key, MS **information** , e
  .g., the ESN of the MS 102, and additional **information** , e .g., a
  validator unit identifier to identify the validator unit 506, in the SAMS
  authentication...

...can be in the form of a database, for example. The SAMS A-key
  generation/ **distribution** unit 434 then encrypts the A-key and transmits
  714 the encrypted A-key to...

...signal using the secret key to identify the A-key. The validator A-key
  generation/**distribution** unit 514 along with the MS interface 512 and
  the 1/0 controller 510 automatically...

...validator unit 506 and the SAMS 204 have been established. The validator
  A-key generation/**distribution** **unit** 514 can **transmit** 718 an
  acknowledgment **signal** to the SAMS 204 to indicate that the A-key
  programming operation has been successful...

...above described system generates and programs an A-key into an MS 102 at
  a **remote** location, e.g., at the point of sale of the MS 102, in a
  secure...

 25/3,K/4   (Item 4 from file: 349)
DIALOG(R)File 349:PCT Fulltext
(c) 2000 WIPO/MicroPat. All rts. reserv.

00589563
COMMUNICATIONS SYSTEM FOR REMOTE CONTROL SYSTEMS
SYSTEME DE COMMUNICATION POUR SYSTEME DE TELECOMMANDE
Patent Applicant/Assignee:
  THOMSON CONSUMER ELECTRONICS INC, THOMSON CONSUMER ELECTRONICS, INC. ,
    10330 North Meridian Street, Indianapolis, IN 46290-1024 , US
Inventor(s):
  PERDUE Michael Kelly, PERDUE, Michael, Kelly , 1749 East 77th Street,
    Indianapolis, IN 46240 , US
  STROTHMANN James Alan, STROTHMANN, James, Alan , 5515 North Kenwood
    Avenue, Indianapolis, IN 46208 , US
  PUGEL Michael Anthony, PUGEL, Michael, Anthony , 20925 Creek Road,

Fulltext Availability:
  Detailed Description

Detailed Description
... system for transmitting and receiving remote control messages to
   control electronic devices.

   A variety of **remote** control systems that transmit and receive **remote**
   control **messages** to control various **electronic** **devices** are known.
   Such systems typically include a **remote** control **device** which
   comprises an input **device** , such as a keypad, for allowing user input,
   coupled to a **controller** which is in turn coupled to a signal
   transmitter. In response to a user input, the **controller** generates an
   appropriate **remote** control message using look up tables, and the like,
   from memory and causes a **signal** **transmitter** to **transmit** the **remote**
   control message. The **signal** **transmitter** may be designed to **transmit**
   the **remote** control message in a number of different forms, including,
   but not limited to, an IR **signal** and a RF **signal** .

   One commonly used method of **sending** a **remote** control message is to
   transmit the message in IR **signal** form.

   Remote control devices that **transmit** IR **signals** are well known and
   commonly used with household **electronic** devices. The **message** format
   of the IR signal is determined by the manufacturer for each model and
   many...

   ...limited to message duration, transmission and pause intervals and types
   of data carried in the **remote** control message.

   However, there are several disadvantages associated with using IR signals
   to control an...

 25/3,K/5   (Item 5 from file: 349)
DIALOG(R)File 349:PCT Fulltext
(c) 2000 WIPO/MicroPat. All rts. reserv.

00586065
**METHOD AND APPARATUS FOR PROVIDING A MENU STRUCTURE FOR AN INTERACTIVE
    INFORMATION DISTRIBUTION SYSTEM**
**PROCEDE ET APPAREIL POUR PRODUIRE UNE STRUCTURE DE MENU POUR UN SYSTEME DE
    DIFFUSION D'INFORMATIONS INTERACTIF**
Patent Applicant/Assignee:
  DIVA SYSTEMS CORPORATION, DIVA SYSTEMS CORPORATION, Building 203, 333
    Ravenswood Avenue, Menlo Park, CA 94025, US
Inventor(s):
  GORDON Donald, GORDON, Donald, 216 Locust Street, Pacific Grove, CA
    93950, US
  GOODE Christopher, GOODE, Christopher, 722 Creek Drive, Menlo Park, CA
    94025, US
  THOMAS Philip A, THOMAS, Philip, A., 1410 Cedarmeadow Court, San Jose, CA

```
      95131, US
   CONOVER Mark D, CONOVER, Mark, D., 10721 Wunderlich Drive, Cupertino, CA
      95014, US
   COLE Brooks, COLE, Brooks, 65 Third Street, Point Reyes Station, CA
      94956, US
Patent and Priority Information (Country, Number, Date):
   Patent:                WO 9831116 A2 19980716
   Application:           WO 97US22850 19971204  (PCT/WO US9722850)
   Priority Application: US 9734490 19970113
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
   FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW
   MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN GH KE LS MW
   SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE
   IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Filing Language: English
Fulltext Word Count: 9721

Fulltext Availability:
   Detailed Description

Detailed Description
...  g., a conventional television). In addition, the set top terminal 106
   accepts commands from a remote  control input device 138 or other input
   device. These commands  are formatted, compressed, modulated, and
   transmitted  through the network  104 to the video session manager 122.

   Typically, this transmission  is accomplished through the back channel
   134. These commands  are preferably transmitted  through the same
   network  used to transmit  information to the set top terminal. However,
   the back channel coupling the set top terminal to the server may be a
   separate network , e .g., a forward information  channel through a
   television  cable network  and a back channel through a telephone
   network . The telephone network  could also support the forward control
   channel. The video session manager  122 interprets each command sent
   from the set top terminal through the
```

25/3,K/6   (Item 6 from file: 349)
DIALOG(R)File 349:PCT Fulltext
(c) 2000 WIPO/MicroPat. All rts. reserv.

```
00581602
```
LEADLESS MULTISITE IMPLANTABLE STIMULUS AND DIAGNOSTIC SYSTEM
SYSTEME IMPLANTABLE SANS CONDUCTEUR DE STIMULATION ET DE DIAGNOSTIC
```
Patent Applicant/Assignee:
   MEDTRONIC INC, MEDTRONIC, INC., 7000 Central Avenue Northeast,
      Minneapolis, MN 55432, US
Inventor(s):
   STOKES Kenneth B, STOKES, Kenneth, B., 17581 Edelweiss Street N.W.,
      Anoka, MN 555304, US
   DONDERS Andrianus P, DONDERS, Andrianus, P., 15089 Crane Street N.W.,
      Andover, MN 55305, US
Patent and Priority Information (Country, Number, Date):
   Patent:                WO 9826840 A1 19980625
   Application:           WO 97US23012 19971210  (PCT/WO US9723012)
   Priority Application: US 96768384 19961218
Designated States: AU CA JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT
   SE
Publication Language: English
Filing Language: English
Fulltext Word Count: 5947
Fulltext Availability:
   Detailed Description

Detailed Description
...  the controller unit; or, as discussed further in connection with
```

Figure 4, it may involve **request** **signals** for controlling the **transmission** of power back to the **remote** **device** . It is to be understood that the processing of sensed information may be divided between the main **controller** **unit** 25 and each of the **remote** **units** 50, and that such division is a matter of design choice. Thus, at the time...

...made through programmer 3 1, and relayed by transmission of data to each of the **remote** **units** . Of course, the **controller** **unit** 25 receives data from each of the **remote** **units** , and accordingly can process all of this data to make global control decisions.

Referring now...

DIALOG(R)File 349:PCT Fulltext

00564762
SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION
SYSTEMES ET PROCEDES DE GESTION DE TRANSACTIONS SECURISEES ET DE PROTECTION DE DROITS ELECTRONIQUES
Patent Applicant/Assignee:
  INTERTRUST TECHNOLOGIES CORP, INTERTRUST TECHNOLOGIES CORP. , 460 Oakmead
    Parkway, Sunnyvale, CA 94086 , US
Inventor(s):
  GINTER Karl L, GINTER, Karl, L. , 10404 43rd Avenue, Beltsville, MD 20705
    , US
  SHEAR Victor H, SHEAR, Victor, H. , 5203 Battery Lane, Bethesda, MD 20814
    , US
  SIBERT W Olin, SIBERT, W., Olin , 30 Ingleside Road, Lexington, MA
    02173-2522 , US
  SPAHN Francis J, SPAHN, Francis, J. , 2410 Edwards Avenue, El Cerrito, CA
    94530 , US
  VAN WIE David M, VAN WIE, David, M. , 1250 Lakeside Drive, Sunnyvale, CA
    94086 , US
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9809209 A1 19980305
  Application: WO 97US15243 19970829   (PCT/WO US9715243)
  Priority Application: US 96706206 19960830
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
  FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
  MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
  GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI
  FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Filing Language: English
Fulltext Word Count: 190955

Fulltext Availability:
  Detailed Description

Detailed Description
... product pricing, configuration. and marketing flexibility. These
  compromises are the result of techniques for controlling **information**
  which cannot accommodate both different content models and content models
  which reflect the many, varied...etc., performed by a user and/or
  electronic appliance such that a content and/or **appliance** provider
  and/or **controller** of an administrative activity can determine whether a
  certain activity has occurred at some point...file system (e.g., Netware,
  LANtastic, NFS. etc. I that allows access to VDE objects **using**
  redirecter 684. OblecL ~v,-itch 734 also supports this capability.

  If External Services **Manager** 772 is used to access VDE objects, many
  different techniques are possible. For example, the...

DIALOG(R)File 349:PCT Fulltext

00435646
A SYSTEM FOR INFORMATION ON DEMAND INCLUDING RESPECTIVE CONTROL MEANS
SYSTEME FOURNISSANT DES INFORMATIONS SUR DEMANDE COMPRENANT DES MOYENS DE COMMANDE RESPECTIFS
Patent Applicant/Assignee:
  SONY TELECOM (EUROPE) NV
  DE VOS Johan
  COPEJANS Gert
  AERTS Ives

WYBOUW Erik
Inventor(s):
  DE VOS Johan
  COPEJANS Gert
  AERTS Ives
  WYBOUW Erik
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9631064 A1 19961003
  Application: WO 96EP1420 19960328 (PCT/WO EP9601420)
  Priority Application: EP 95200820 19950331
Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
  GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO
  RU SD SE SG SI TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ
  MD RU TJ TM AT DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI
  CM GA GN ML MR TD TG
Publication Language: English
Fulltext Word Count: 8506

Fulltext Availability:
  Detailed Description

Detailed Description
... and navigation devices 30. ATM switch 1 connects the storage medium
  units 20, the end **devices** 40, the system **manager** 60 and the
  navigation devices 30 to each other, selectively, by **using**   **virtual**
  channel connections and **data** is transferred to and from these
  components in a form of ATM packets consisting of...

31/3,K/3   (Item 3 from file: 349)
DIALOG(R)File 349:PCT Fulltext
(c) 2000 WIPO/MicroPat. All rts. reserv.

00435645
A SYSTEM FOR SERVING INFORMATION INCLUSIVE OF A STORAGE MEDIA MANAGER
SYSTEME SERVEUR D'INFORMATIONS COMPRENANT UN GESTIONNAIRE DE SUPPORTS
  D'INFORMATIONS
Patent Applicant/Assignee:
  SONY TELECOM (EUROPE) NV
  DE VOS Johan
  COPEJANS Gert
Inventor(s):
  DE VOS Johan
  COPEJANS Gert
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9631063 A1 19961003
  Application: WO 96EP1419 19960328 (PCT/WO EP9601419)
  Priority Application: EP 95200813 19950331
Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
  GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO
  RU SD SE SG SI TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ
  MD RU TJ TM AT DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI
  CM GA GN ML MR TD TG
Publication Language: English
Fulltext Word Count: 8963

Fulltext Availability:
  Detailed Description

Detailed Description
... and navigation devices 30. ATM switch 1 connects the storage medium
  units 20, the end **devices** 40, the system **manager** 60 and the
  navigation devices 30 to each other, selectively, by **using**   **virtual**
  channel connections and **data** is transferred to and from these
  components in a form of

00435644
A SYSTEM FOR INFORMATION ON DEMAND, INCLUDING MULTI-CASTING
SYSTEME FOURNISSANT UNE INFORMATION A LA DEMANDE, ET EN PARTICULIER A DES
    DESTINATAIRES MULTIPLES
Patent Applicant/Assignee:
  SONY TELECOM (EUROPE) NV
  DE VOS Johan
  BARRAUD Claude
Inventor(s):
  DE VOS Johan
  BARRAUD Claude
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9631062 A1 19961003
  Application: WO 96EP1418 19960328   (PCT/WO EP9601418)
  Priority Application: EP 95200814 19950331
Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
  GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO
  RU SD SE SG SI TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ
  MD RU TJ TM AT DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI
  CM GA GN ML MR TD TG
Publication Language: English
Fulltext Word Count: 8623

Fulltext Availability:
  Detailed Description

Detailed Description
... and navigation devices 30. ATM switch I connects the storage medium
   units 20, the end **devices** 40, the system **manager** 60 and the
   navigation devices 30 to each other, selectively, by **using   virtual**
   channel connections and **data** is transferred to and from these
   components in a form of ATM packets consisting of...

00435643
A VIDEO SERVICE SYSTEM WITH VCR FUNCTION
SYSTEME DE SERVICE VIDEO AVEC UNE FONCTION D'ENREGISTREMENT SUR CASSETTE
Patent Applicant/Assignee:
  SONY TELECOM (EUROPE) NV
  DE VOS Johan
  GOGUEY Pascal
Inventor(s):
  DE VOS Johan
  GOGUEY Pascal
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9631061 A1 19961003
  Application: WO 96EP1417 19960328   (PCT/WO EP9601417)
  Priority Application: EP 95200823 19950331
Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
  GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO
  RU SD SE SG SI TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ
  MD RU TJ TM AT DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI
  CM GA GN ML MR TD TG
Publication Language: English
Fulltext Word Count: 8908
Fulltext Availability:
  Detailed Description

Detailed Description

... and navigation devices 30. ATM switch 1 connects the storage medium
   units 20, the end **devices** 40, the system **manager** 60 and the
   navigation devices 30 to each other, selectively, by **using**   **virtual**
   channel connections and **data** is transferred to and from these
   components in a form of ATM packets consisting of...

 31/3,K/6   (Item 6 from file: 349)
DIALOG(R)File 349:PCT Fulltext
(c) 2000 WIPO/MicroPat. All rts. reserv.

00435642
A SYSTEM FOR SERVING INFORMATION INCLUDING AN ARCHIVE AND DELIVERY STORAGE
   MEDIUM UNIT
SYSTEME SERVEUR D'INFORMATIONS COMPRENANT UNE UNITE DE SUPPORTS DE STOCKAGE
   D'ARCHIVAGE ET DE REMISE
Patent Applicant/Assignee:
  SONY TELECOM (EUROPE) NV
  DE VOS Johan
  BARRAUD Claude
  COPEJANS Gert
  GOGUEY Pascal
  AERTS Ives
  DE CEULAER Luc
  WYBOUW Erik
Inventor(s):
  DE VOS Johan
  BARRAUD Claude
  COPEJANS Gert
  GOGUEY Pascal
  AERTS Ives
  DE CEULAER Luc
  WYBOUW Erik
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9631060 A1 19961003
  Application: WO 96EP1416 19960328   (PCT/WO EP9601416)
  Priority Application: EP 95200815 19950331
Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
  GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO
  RU SD SE SG SI TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ
  MD RU TJ TM AT DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI
  CM GA GN ML MR TD TG
Publication Language: English
Fulltext Word Count: 9014

Fulltext Availability:
  Detailed Description

Detailed Description
... and navigation devices 30. ATM switch 1 connects the storage medium
   units 20, the end **devices** 40, the system **manager** 60 and the
   navigation devices 30 to each other, selectively, by **using**   **virtual**
   channel connections and **data** is transferred to and from these
   components in a form of ATM packets consisting of...

 31/3,K/7   (Item 7 from file: 349)
DIALOG(R)File 349:PCT Fulltext
(c) 2000 WIPO/MicroPat. All rts. reserv.

00435641
A NAVIGATION SYSTEM
SYSTEME DE NAVIGATION
Patent Applicant/Assignee:
  SONY TELECOM (EUROPE) NV
  DE VOS Johan
  BARRAUD Claude

Inventor(s):
  DE VOS Johan
  BARRAUD Claude
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9631059 A1 19961003
  Application: WO 96EP1414 19960328   (PCT/WO EP9601414)
  Priority Application: EP 95200817 19950331
Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
  GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO
  RU SD SE SG SI TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ
  MD RU TJ TM AT DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI
  CM GA GN ML MR TD TG
Publication Language: English
Fulltext Word Count: 9020
Fulltext Availability:
  Detailed Description

Detailed Description
... and navigation devices 30. ATM switch I connects the storage medium
    units 20, the end **devices** 40, the system **manager** 60 and the
    navigation devices 30 to each other, selectively, by **using   virtual**
    channel connections and **data** is transferred to and from these
    components in a form of ATM packets consisting of...

  31/3,K/8   (Item 8 from file: 349)
DIALOG(R)File 349:PCT Fulltext
(c) 2000 WIPO/MicroPat. All rts. reserv.

00435640
**STORAGE MEDIUM UNIT FOR STORING INFORMATION DATA, PREFERABLY VIDEO DATA
    AND/OR AUDIO DATA**
**SUPPORT D'INFORMATION POUR ENREGISTRER DES DONNEES D'INFORMATION ET DE
    PREFERENCE DES DONNEES VIDEO ET/OU AUDIO**
Patent Applicant/Assignee:
  SONY TELECOM (EUROPE) NV
  DE VOS Johan
  BARRAUD Claude
Inventor(s):
  DE VOS Johan
  BARRAUD Claude
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9631058 A1 19961003
  Application: WO 96EP1413 19960328   (PCT/WO EP9601413)
  Priority Application: EP 95200818 19950331
Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
  GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO
  RU SD SE SG SI TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ
  MD RU TJ TM AT DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI
  CM GA GN ML MR TD TG
Publication Language: English
Fulltext Word Count: 8916

Fulltext Availability:
  Detailed Description

Detailed Description
... and navigation devices 30. ATM switch I connects the storage medium
    units 20, the end **devices** 40, the system **manager** 60 and the
    navigation devices 30 to each other, selectively, by **using   virtual**
    channel connections and **data** is transferred to and from these
    components in a form of ATM packets consisting of...

  31/3,K/9   (Item 9 from file: 349)
DIALOG(R)File 349:PCT Fulltext
(c) 2000 WIPO/MicroPat. All rts. reserv.

00435639
A SYSTEM FOR INFORMATION ON DEMAND
SYSTEME D'INFORMATION SUR DEMANDE
Patent Applicant/Assignee:
  SONY TELECOM (EUROPE) NV
  DE VOS Johan
  BARRAUD Claude
Inventor(s):
  DE VOS Johan
  BARRAUD Claude
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9631057 A1 19961003
  Application: WO 96EP1412 19960328 (PCT/WO EP9601412)
  Priority Application: EP 95200819 19950331
Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
  GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO
  RU SD SE SG SI TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ
  MD RU TJ TM AT DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI
  CM GA GN ML MR TD TG
Publication Language: English
Fulltext Word Count: 9673
Fulltext Availability:
  Detailed Description

Detailed Description
... and navigation devices 30. ATM switch 1 connects the storage medium
  units 20, the end **devices** 40, the system **manager** 60 and the
  navigation devices 30 to each other, selectively, by **using**   **virtual**
  channel connections and **data** is transferred to and from these
  components in a form of ATM packets consisting of...

 31/3,K/10   (Item 10 from file: 349)
DIALOG(R)File 349:PCT Fulltext
(c) 2000 WIPO/MicroPat. All rts. reserv.

00435638
STORAGE MEDIUM UNIT
UNITE DE STOCKAGE
Patent Applicant/Assignee:
  SONY TELECOM (EUROPE) NV
  DE VOS Johan
Inventor(s):
  DE VOS Johan
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9631056 A1 19961003
  Application: WO 96EP1411 19960328 (PCT/WO EP9601411)
  Priority Application: EP 95200822 19950331
Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
  GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO
  RU SD SE SG SI TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ
  MD RU TJ TM AT DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI
  CM GA GN ML MR TD TG
Publication Language: English
Fulltext Word Count: 8429

Fulltext Availability:
  Detailed Description

Detailed Description
... and navigation devices 30. ATM switch 1 connects the storage medium
  units 20, the end **devices** 40, the system **manager** 60 and the
  navigation devices 30 to each other, selectively, by **using**   **virtual**
  channel connections and **data** is transferred to and from these
  components in a form of ATM packets consisting of...

DIALOG(R)File 349:PCT Fulltext

00435539
A STORAGE MEDIUM UNIT AND VIDEO SERVICE SYSTEM HAVING A STAGGER RECORDING
UNITE DE SUPPORTS DE STOCKAGE ET SYSTEME DE SERVICE VIDEO A ENREGISTREMENT
   ECHELONNE
Patent Applicant/Assignee:
  SONY TELECOM (EUROPE) NV
  DE VOS Johan
  GOGUEY Pascal
  COPEJANS Gert
Inventor(s):
  DE VOS Johan
  GOGUEY Pascal
  COPEJANS Gert
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9630908 A1 19961003
  Application: WO 96EP1415 19960328   (PCT/WO EP9601415)
  Priority Application: EP 95200816 19950331
Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
  GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO
  RU SD SE SG SI TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ
  MD RU TJ TM AT DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI
  CM GA GN ML MR TD TG
Publication Language: English
Fulltext Word Count: 8849

Fulltext Availability:
  Detailed Description

Detailed Description
... and navigatiorr devices 30. ATM switch 1 connects the storage medium
  units 20, the end **devices** 40, the system **manager** 60 and the
  navigation devices 30 to each other, selectively, by **using   virtual**
  channel connections and **data** is transferred to and from these
  components in a form of ATM packets consisting of...

DIALOG(R)File 349:PCT Fulltext

00431955
SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS
   PROTECTION
SYSTEMES ET PROCEDES DE GESTION SECURISEE DE TRANSACTIONS ET DE PROTECTION
   ELECTRONIQUE DES DROITS
Patent Applicant/Assignee:
  ELECTRONIC PUBLISHING RESOURCES INC
Inventor(s):
  GINTER Karl L
  SHEAR Victor H
  SPAHN Francis J
  VAN WIE David M
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9627155 A2-A3 19960906
  Application: WO 96US2303 19960213   (PCT/WO US9602303)
  Priority Application: US 95388107 19950213
Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
  GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO
  RU SD SE SG SI TM TR TT UA UG UZ VN KE LS MW SD SZ UG AZ BY KG KZ RU TJ
  TM AT BE CH DE FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML
  MR NE SN TD TG
Publication Language: English

Fulltext Word Count: 205184

Fulltext Availability:
  Detailed Description

Detailed Description
... sent to commercial database manager 730 in encrypted form. SDSM 744 in
   conjunction with cache **manager** 746 and database interface 748 may
   provide record management, caching (**using** cache manager 746), and
   related services (on top of) commercial database systems 730 and/or...

 31/3,K/13   **(Item 13 from file: 349)**
DIALOG(R)File 349:PCT Fulltext
(c) 2000 WIPO/MicroPat. All rts. reserv.

00426770
MULTI-DRIVE VIRTUAL MASS STORAGE DEVICE AND METHOD OF OPERATING SAME
MEMOIRE   VIRTUELLE   DE   GRANDE   CAPACITE   MULTIUNITE   ET   SON   PROCEDE   DE
   FONCTIONNEMENT
Patent Applicant/Assignee:
  MICRON ELECTRONICS INC
Inventor(s):
  KLEIN Dean A
  ANDERSON Eric D
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9622570 A1 19960725
  Application: WO 96US219 19960105   (PCT/WO US9600219)
  Priority Application: US 95370650 19950110
Designated States: JP KR AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 12999

Fulltext Availability:
  Detailed Description
  Claims
Detailed Description
... each physical mass storage device has a physical address space
   arranged into a format accessed **via** a plurality of physical addresses.

   The **virtual   device** includes a **data   manager** for handling data
   transfers with the physical mass storage **devices** .

   The **data   manager** includes a **virtual** address space arranged into a
   format accessed **via** a plurality of logical addresses, with each logical
   address corresponding to a physical address on...groups of sectors. All
   of the physical devices may be controlled substantially simultaneously,
   and, when **using** intelligent devices such as IDE hard disk drives, the
  controllers on the physical **devices** can perform many of the data
   transfer functions independent of the master **virtual   device   data**
  manager or **controller** , thereby leaving the

Claim
... each physical mass storage device having a physical address space
   arranged into a format accessed **via** a plurality of physical addresses,
   the **virtual   device** comprising a **data   manager** for handling data
   transfers with the physical mass storage **devices** , wherein the **data**
  manager includes a **virtual** address space arranged into a format
   accessed **via** a plurality of logical addresses, wherein each logical
   address corresponds to a physical address on...

 31/3,K/14   **(Item 14 from file: 349)**
DIALOG(R)File 349:PCT Fulltext
(c) 2000 WIPO/MicroPat. All rts. reserv.

00366462

APPARATUS AND METHOD OF COMMUNICATING USING THREE DIGITS OF A HAND
APPAREIL ET PROCEDE DE COMMUNICATION UTILISANT TROIS DOIGTS D'UNE MAIN
Patent Applicant/Assignee:
  McCLOUD Seth R
Inventor(s):
  McCLOUD Seth R
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9427371 A1 19941124
  Application: WO 94US5324 19940513 (PCT/WO US9405324)
  Priority Application: US 9362348 19930517
Designated States: AU CA DE DK GB JP SE AT BE CH DE DK ES FR GB GR IE IT LU
  MC NL PT SE
Publication Language: English
Fulltext Word Count: 7830

Fulltext Availability:
  Detailed Description

Detailed Description
... 1-5, an apparatus, hereinafter called an input controller 10, is
  illustrated is for inputting **information** into an **electronic   device**
  90.

  The input **controller** 10 is designed for inputting **information** to an
  electronic device 90 **using** the index (I) and middle (M) fingers and
  thumb (T) of one hand (H) of...

   31/3,K/15   (Item 15 from file: 349)
DIALOG(R)File 349:PCT Fulltext
(c) 2000 WIPO/MicroPat. All rts. reserv.

00243650
SIGNAL PROCESSING APPARATUS AND METHODS
DISPOSITIF ET PROCEDES DE TRAITEMENT DE SIGNAUX
Patent Applicant/Assignee:
  HARVEY John C
Inventor(s):
  HARVEY John C
  CUDDIHY James W
Patent and Priority Information (Country, Number, Date):
  Patent: WO 8902682 A1 19890323
  Application: WO 88US3000 19880908 (PCT/WO US8803000)
  Priority Application: US 8796096 19870911
Designated States: AT AU BE BJ BR CF CG CH CM DE DK FI FR GA GB GB HU IT JP
  KP LK LU MC MG MW NL NO RO SE SN SU TD TG
Publication Language: English
Fulltext Word Count: 168452

Fulltext Availability:
  Claims

Claim
... 205 register memory to particular SPAM-last-01-header-exec-@205
  register memory. Then SPAM-**controller** , 205C, causes all **apparatus** of
  SPAM-**controller** , 205C, to delete from memory all information of said
  transferred binary information except information at...

   31/3,K/16   (Item 1 from file: 348)
DIALOG(R)File 348:European Patents
(c) 2000 European Patent Office. All rts. reserv.

00968808
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
**METHOD FOR SENDING E-MAIL MESSAGES IN A LOCAL AREA NETWORK, AND DEVICE FOR
  APPLYING SAME**

VERFAHREN UND VORRICHTUNG ZUM SENDEN VON ELEKTRONISCHEN POSTNACHRICHTEN IN
    EINEM LOKALEN NETZ
PROCEDE DE TRANSMISSION DE MESSAGES PAR COURRIER ELECTRONIQUE DANS UN
    RESEAU LOCAL ET DISPOSITIF PREVU A CET EFFET
PATENT ASSIGNEE:
  Samsung Electronics Co., Ltd., (2171365), 416 Maetan-3 dong, Paldal-ku,
    Suwon-city, Gyungki-do, (KR), (applicant designated states: DE;GB)
INVENTOR:
  INHWAN, Kim, 3309, Samsung,3, Maetan-dong,Paldal-gu,Suwon, Kyoungki-do,
    (KR)
  VYAZNIKOV, Konstantin Vitalievich, ul. M.Nikitskaya, 16-70, Moscow,
    129061, (RU)
  POTRYVAEV, Alexandr Mikhailovich, ul. Chkalova, 8-2,Schelkovo-5,
    Moskovskaya obl., 141100, (RU)
  GNEDOVSKY, Mikhail Jurievich, ul. Konstantina Fedina, 15-23, Moscow,
    105215, (RU)
  KRASNONOSENKIKH, Dmitry Pavlovich, ul. Lenina, 24v-118,Protvino,
    Moskovskaya obl., 142284, (RU)
LEGAL REPRESENTATIVE:
  Sparing - Rohl - Henseler Patentanwalte (100363), Postfach 14 04 43,
    40074 Dusseldorf, (DE)
PATENT (CC, No, Kind, Date): EP 918413 A1 990526 (Basic)
                             WO 9827690 980625
APPLICATION (CC, No, Date): EP 96946326 961216; WO 96RU348 961216
PRIORITY (CC, No, Date): EP 96946326 961216; WO 96RU348 961216
DESIGNATED STATES: DE; GB
INTERNATIONAL PATENT CLASS: H04L-012/28; G06F-015/16; G06F-015/173;
  H04N-001/00;
ABSTRACT WORD COUNT: 130

LANGUAGE (Publication,Procedural,Application): English; English; Russian
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
     CLAIMS A (English)   9921   578
     SPEC A   (English)   9921   2661
Total word count - document A   3239
Total word count - document B   0
Total word count - documents A + B   3239
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

...SPECIFICATION mail and is transmitted along MHS network channels at the
  transmitting end. When the converted **electronic   mail   message**
  reaches handling machinery 10 realizing the **electronic   mail** mode,
 directory control **apparatus** 11 receives an enquiry on the address of
  the **electronic   mail** corresponding to the fax number. The **directory**
  control **apparatus** 11 carries out a search for a corresponding address
  of **electronic   mail** among the **information** of the directories **using**
  the fax number, and then the found address of electronic mail is sent to
  the...

...enhancement of the reliability of transmitting messages by providing
  service with the required type of **electronic   mail** without **using** a
  specialized **device** to control the **directories** .
    This object is achieved in a method for transmitting **electronic   mail**
  in a local network, wherein forming a message and transmitting a formed
  message to a...

 31/3,K/17   (Item 2 from file: 348)
DIALOG(R)File 348:European Patents
(c) 2000 European Patent Office. All rts. reserv.

00787597
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
A video service system with VCR function
Videodienstsystem mit der Funktion eines Videokassettenrekorders
Systeme de service video avec fonctionnalite de magnetoscope

PATENT ASSIGNEE:
  Sony Telecom (Europe) N.V., (1924780), Luchtschipstraat 55, B-1130
    Brussel, (BE), (applicant designated states:
    AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)
INVENTOR:
  De Vos, Johan c/o Sony Telecom (Europe) N.V., Luchtschipstraat55, B-1130
    Brussel, (BE)
  Goguey, Pascal c/o Sony Telecom (Europe) N.V., Luchtschipstraat55, B-1130
    Brussel, (BE)
LEGAL REPRESENTATIVE:
  Land, Addick Adrianus Gosling et al (59332), Arnold & Siedsma, Advocaten
    en Octrooigemachtigden, Sweelinckplein 1, 2517 GK Den Haag, (NL)
PATENT (CC, No, Kind, Date): EP 735766 A1 961002 (Basic)
APPLICATION (CC, No, Date):   EP 95200823 950331;
PRIORITY (CC, No, Date): EP 95200823 950331
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
  NL; PT; SE
INTERNATIONAL PATENT CLASS: H04N-007/173;
ABSTRACT WORD COUNT: 216

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
     CLAIMS A   (English)   EPAB96   549
     SPEC A   (English)   EPAB96   7897
Total word count - document A   8446
Total word count - document B   0
Total word count - documents A + B   8446

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

...SPECIFICATION and navigation devices 30. ATM switch 1 connects the
  storage medium units 20, the end **devices** 40, the system **manager** 60
  and the navigation devices 30 to each other, selectively, by **using**
 virtual channel connections and **data** is transferred to and from these
  components in a form of ATM packets consisting of...

 31/3,K/18   (Item 3 from file: 348)
DIALOG(R)File 348:European Patents
(c) 2000 European Patent Office. All rts. reserv.

00787596
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
Storage medium unit
Speichereinheit
Unite de stockage
PATENT ASSIGNEE:
  Sony Telecom (Europe) N.V., (1924780), Luchtschipstraat 55, B-1130
    Brussel, (BE), (applicant designated states:
    AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)
INVENTOR:
  De Vos, Johan, c/o Sony Telecom (Europe) N.V. Luchtshipstraat 55, B-1130
    Brussel, (BE)
LEGAL REPRESENTATIVE:
  Land, Addick Adrianus Gosling et al (59332), Arnold & Siedsma, Advocaten
    en Octrooigemachtigden, Sweelinckplein 1, 2517 GK Den Haag, (NL)
PATENT (CC, No, Kind, Date): EP 735765 A1 961002 (Basic)
APPLICATION (CC, No, Date):   EP 95200822 950331;
PRIORITY (CC, No, Date): EP 95200822 950331
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
  NL; PT; SE
INTERNATIONAL PATENT CLASS: H04N-007/173;
ABSTRACT WORD COUNT: 104

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

```
Available Text   Language    Update      Word Count
     CLAIMS A   (English)   EPAB96         160
     SPEC A     (English)   EPAB96        7833
Total word count - document A            7993
Total word count - document B               0
Total word count - documents A + B       7993
```

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

...SPECIFICATION and navigation devices 30. ATM switch 1 connects the
  storage medium units 20, the end **devices** 40, the system **manager** 60
  and the navigation devices 30 to each other, selectively, by **using**
  virtual channel connections and **data** is transferred to and from these
  components in a form of ATM packets consisting of...

 31/3,K/19   (Item 4 from file: 348)
DIALOG(R)File 348:European Patents
(c) 2000 European Patent Office. All rts. reserv.

00787594
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
A system for information on demand, including respective control means
Verfahren fur Information-auf-Anfrage mit entsprechender Steuervorrichtung
Systeme d'information a la demande avec dispositif de commande respectif
PATENT ASSIGNEE:
  Sony Europa B.V., (2226970), Schipholweg 275, 1171 PK Badhoevedorp, (NL)
  , (Proprietor designated states: all)
INVENTOR:
  De Vos, Johan, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,
    B-1130 Brussel, (BE)
  Copejans, Gert, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,
    B-1130 Brussel, (BE)
  Aerts, Ives, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55, B-1130
    Brussel, (BE)
  Wybouw, Erik, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55, B-1130
    Brussel, (BE)
LEGAL REPRESENTATIVE:
  Land, Addick Adrianus Gosling et al (59332), Arnold & Siedsma, Advocaten
    en Octrooigemachtigden, Sweelinckplein 1, 2517 GK Den Haag, (NL)
PATENT (CC, No, Kind, Date): EP 735764 A1 961002 (Basic)
                              EP 735764 B1 000726
APPLICATION (CC, No, Date):   EP 95200820 950331;
PRIORITY (CC, No, Date): EP 95200820 950331
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
  NL; PT; SE
INTERNATIONAL PATENT CLASS: H04N-007/173
ABSTRACT WORD COUNT: 162
NOTE:
  Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
```
Available Text   Language    Update      Word Count
     CLAIMS B   (English)   200030         471
     CLAIMS B    (German)   200030         363
     CLAIMS B    (French)   200030         558
     SPEC B     (English)   200030        7833
Total word count - document A               0
Total word count - document B            9225
Total word count - documents A + B       9225
```

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

 31/3,K/20   (Item 5 from file: 348)
DIALOG(R)File 348:European Patents

00787593
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
A system for information on demand
System fur Information auf Anfrage
Systeme d'information a la demande
PATENT ASSIGNEE:
  Sony Europa B.V., (2226970), Schipholweg 275, 1171 PK Badhoevedorp, (NL)
    , (Proprietor designated states: all)
INVENTOR:
  De Vos, Johan, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,
    B-1130 Brussel, (BE)
  Barraud, Claude, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,
    B-1130 Brussel, (BE)
LEGAL REPRESENTATIVE:
  Land, Addick Adrianus Gosling et al (59332), Arnold & Siedsma, Advocaten
    en Octrooigemachtigden, Sweelinckplein 1, 2517 GK Den Haag, (NL)
PATENT (CC, No, Kind, Date): EP 735763 A1 961002 (Basic)
                              EP 735763 B1 000705
APPLICATION (CC, No, Date):   EP 95200819 950331;
PRIORITY (CC, No, Date): EP 95200819 950331
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
  NL; PT; SE
INTERNATIONAL PATENT CLASS: H04N-007/173
ABSTRACT WORD COUNT: 178
NOTE:
  Figure number on first page: 5

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200027	997
CLAIMS B	(German)	200027	823
CLAIMS B	(French)	200027	1198
SPEC B	(English)	200027	8129
Total word count - document A			0
Total word count - document B			11147
Total word count - documents A + B			11147

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

 31/3,K/21   (Item 6 from file: 348)
DIALOG(R)File 348:European Patents

00787592
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
Storage medium unit for storing information data, preferably video data
**   and/or audio data**
Speichereinheit zur Aufzeichnung von Informationsdaten vorzugsweise von
**   Video- und/oder Audiodaten**
Unite de stockage pour donnees d'information, de preference pour donnees
**   video et/ou audio**
PATENT ASSIGNEE:
  Sony Europa B.V., (2226970), Schipholweg 275, 1171 PK Badhoevedorp, (NL)
    , (Proprietor designated states: all)
INVENTOR:
  De Vos, Johan, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,
    B-1130 Brussel, (BE)
  Barraud, Claude, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,
    B-1130 Brussel, (BE)
LEGAL REPRESENTATIVE:
  Land, Addick Adrianus Gosling et al (59332), Arnold & Siedsma, Advocaten
    en Octrooigemachtigden, Sweelinckplein 1, 2517 GK Den Haag, (NL)
PATENT (CC, No, Kind, Date): EP 735762 A1 961002 (Basic)

EP 735762 B1 000705
APPLICATION (CC, No, Date):   EP 95200818 950331;
PRIORITY (CC, No, Date): EP 95200818 950331
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
  NL; PT; SE
INTERNATIONAL PATENT CLASS: H04N-007/173
ABSTRACT WORD COUNT: 122
NOTE:
  Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
     CLAIMS B   (English)   200027   512
     CLAIMS B   (German)   200027   400
     CLAIMS B   (French)   200027   629
     SPEC B   (English)   200027   7747
Total word count - document A   0
Total word count - document B   9288
Total word count - documents A + B 9288

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

  31/3,K/22   (Item 7 from file: 348)
DIALOG(R)File 348:European Patents
(c) 2000 European Patent Office. All rts. reserv.

00787591
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
A navigation system
Navigationssystem
Systeme de navigation
PATENT ASSIGNEE:
  Sony Telecom (Europe) N.V., (1924780), Luchtschipstraat 55, B-1130
    Brussel, (BE), (applicant designated states:
    AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)
INVENTOR:
  De Vos, Johan, c/o Sony Telecom (Europe) N.V. Luchtschipstraat 55, B-1130
    Brussel, (BE)
  Barraud, Claude, c/o Sony Telecom (Europe) N.V. Luchtschipstraat 55,
    B-1130 Brussel, (BE)
LEGAL REPRESENTATIVE:
  Land, Addick Adrianus Gosling et al (59332), Arnold & Siedsma, Advocaten
    en Octrooigemachtigden, Sweelinckplein 1, 2517 GK Den Haag, (NL)
PATENT (CC, No, Kind, Date):   EP 735761 A1 961002 (Basic)
APPLICATION (CC, No, Date):   EP 95200817 950331;
PRIORITY (CC, No, Date): EP 95200817 950331
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
  NL; PT; SE
INTERNATIONAL PATENT CLASS: H04N-007/173;
ABSTRACT WORD COUNT: 173

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
     CLAIMS A   (English)   EPAB96   580
     SPEC A   (English)   EPAB96   7972
Total word count - document A   8552
Total word count - document B   0
Total word count - documents A + B 8552

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

...SPECIFICATION and navigation devices 30. ATM switch 1 connects the
  storage medium units 20, the end **devices** 40, the system **manager** 60
  and the navigation devices 30 to each other, selectively, by **using**

virtual channel connections and **data** is transferred to and from these
  components in a form of ATM packets consisting of...

  31/3,K/23   (Item 8 from file: 348)
  DIALOG(R)File 348:European Patents
  (c) 2000 European Patent Office. All rts. reserv.

  00787590
  ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
  A storage medium unit and video service system having a staggered recording
  Speichereinheit mit versetzter Aufzeichnung
  Unite de stockage et systeme de service video avec enregistrement en
    quinconce
  PATENT ASSIGNEE:
    Sony Telecom (Europe) N.V., (1924780), Luchtschipstraat 55, B-1130
      Brussel, (BE), (applicant designated states:
      AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)
  INVENTOR:
    De Vos,Johan, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55 Brussel
      , (BE)
    Copejans,Gert, c/o Sony Telecom (Europe)N.V. Lushtschipstraat 55, B-1130
      Brussel, (BE)
    Goguey,Pascal, c/o Sony Telecom (Europe) N.V. Luchtschipstraat 55, B-1130
      Brussel, (BE)
  LEGAL REPRESENTATIVE:
    Land, Addick Adrianus Gosling et al (59332), Arnold & Siedsma, Advocaten
      en Octrooigemachtigden, Sweelinckplein 1, 2517 GK Den Haag, (NL)
  PATENT (CC, No, Kind, Date): EP 735538 A1 961002 (Basic)
  APPLICATION (CC, No, Date):   EP 95200816 950331;
  PRIORITY (CC, No, Date): EP 95200816 950331
  DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
    NL; PT; SE
  INTERNATIONAL PATENT CLASS: G11B-027/00;
  ABSTRACT WORD COUNT: 80

  LANGUAGE (Publication,Procedural,Application): English; English; English
  FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	630
SPEC A	(English)	EPAB96	7729
Total word count - document A			8359
Total word count - document B			0
Total word count - documents A + B			8359

  ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

  ...SPECIFICATION and navigation devices 30. ATM switch 1 connects the
    storage medium units 20, the end **devices** 40, the system **manager** 60
    and the navigation devices 30 to each other, selectively, by **using**
   virtual channel connections and **data** is transferred to and from these
    components in a form of ATM packets consisting of...

  31/3,K/24   (Item 9 from file: 348)
  DIALOG(R)File 348:European Patents
  (c) 2000 European Patent Office. All rts. reserv.

  00787589
  ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
  A system for serving information including an archive and delivery storage
    medium unit
  Informationsdienstsystem mit Archiv- und Abgabespeichereinheit
  Systeme de service d'information avec unite de stockage pour l'archivage et
    la distribution
  PATENT ASSIGNEE:
    Sony Telecom (Europe) N.V., (1924780), Luchtschipstraat 55, B-1130

Brussel, (BE), (applicant designated states:
AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)
INVENTOR:
  Barraud, Claude, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,
    B-1130 Brussel, (BE)
  De Vos, Johan, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,
    B-1130 Brussel, (BE)
  Copejans, Gert, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,
    B-1130 Brussel, (BE)
  Goguey, Pascal, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,
    B-1130 Brussel, (BE)
  Aerts, Ives, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55, B-1130
    Brussel, (BE)
  De Ceulaer, Luc, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,
    B-1130 Brussel, (BE)
  Wybouw, Erik, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55, B-1130
    Brussel, (BE)
LEGAL REPRESENTATIVE:
  Land, Addick Adrianus Gosling et al (59332), Arnold & Siedsma, Advocaten
    en Octrooigemachtigden, Sweelinckplein 1, 2517 GK Den Haag, (NL)
PATENT (CC, No, Kind, Date): EP 735760 A1 961002 (Basic)
APPLICATION (CC, No, Date):   EP 95200815 950331;
PRIORITY (CC, No, Date): EP 95200815 950331
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
  NL; PT; SE
INTERNATIONAL PATENT CLASS: H04N-007/173;
ABSTRACT WORD COUNT: 247

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS A (English) EPAB96   694
      SPEC A   (English) EPAB96   7855
Total word count - document A   8549
Total word count - document B   0
Total word count - documents A + B   8549

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

...SPECIFICATION and navigation devices 30. ATM switch 1 connects the
  storage medium units 20, the end **devices** 40, the system **manager** 60
  and the navigation devices 30 to each other, selectively, by **using**
 virtual channel connections and **data** is transferred to and from these
  components in a form of ATM packets consisting of...

 31/3,K/25   (Item 10 from file: 348)
DIALOG(R)File 348:European Patents
(c) 2000 European Patent Office. All rts. reserv.

00787588
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
A system for information on demand, including multi-casting
System fur Information auf Anfrage mit Mehrfachubertragung
Systeme d'information a la demande avec transmission a destination multiple
PATENT ASSIGNEE:
  Sony Europa B.V., (2226970), Scholpholweg 275, 1171 PK Badhoevedorp, (NL)
  , (Proprietor designated states: all)
INVENTOR:
  Barraud, Claude, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,
    B-1130 Brussel, (BE)
  De Vos, Johan, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,
    B-1130 Brussel, (BE)
LEGAL REPRESENTATIVE:
  Land, Addick Adrianus Gosling et al (59332), Arnold & Siedsma, Advocaten
    en Octrooigemachtigden, Sweelinckplein 1, 2517 GK Den Haag, (NL)
PATENT (CC, No, Kind, Date): EP 735759 A1 961002 (Basic)

EP 735759 B1 000726
APPLICATION (CC, No, Date): EP 95200814 950331;
PRIORITY (CC, No, Date): EP 95200814 950331
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
   NL; PT; SE
INTERNATIONAL PATENT CLASS: H04N-007/173
ABSTRACT WORD COUNT: 248
NOTE:
   Figure number on first page: 16

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
      CLAIMS B   (English)   200030   356
      CLAIMS B   (German)   200030   284
      CLAIMS B   (French)   200030   418
      SPEC B   (English)   200030   7631
Total word count - document A   0
Total word count - document B   8689
Total word count - documents A + B   8689

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

   31/3,K/26   (Item 11 from file: 348)
DIALOG(R)File 348:European Patents
(c) 2000 European Patent Office. All rts. reserv.

00787587
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
A system for serving information including a storage media manager
Informationsdienstsystem mit Speichermedienverwaltung
Systeme de service d'information avec gestion des supports d'enregistrement
PATENT ASSIGNEE:
   Sony Europa B.V., (2226970), Schipholweg 275, 1171 PK Badhoevedorp, (NL)
      , (Proprietor designated states: all)
INVENTOR:
   De Vos, Johan, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,
      B-1130 Brussel, (BE)
   Copejans, Gert, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,
      B-1130 Brussel, (BE)
LEGAL REPRESENTATIVE:
   Land, Addick Adrianus Gosling et al (59332), Arnold & Siedsma, Advocaten
      en Octrooigemachtigden, Sweelinckplein 1, 2517 GK Den Haag, (NL)
PATENT (CC, No, Kind, Date): EP 735758 A1 961002 (Basic)
                              EP 735758 B1 000705
APPLICATION (CC, No, Date):   EP 95200813 950331;
PRIORITY (CC, No, Date): EP 95200813 950331
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
   NL; PT; SE
INTERNATIONAL PATENT CLASS: H04N-007/173
ABSTRACT WORD COUNT: 207
NOTE:
   Figure number on first page: 10

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
      CLAIMS B   (English)   200027   737
      CLAIMS B   (German)   200027   595
      CLAIMS B   (French)   200027   879
      SPEC B   (English)   200027   7616
Total word count - document A   0
Total word count - document B   9827
Total word count - documents A + B   9827

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

31/3,K/27   (Item 12 from file: 348)
DIALOG(R)File 348:European Patents
(c) 2000 European Patent Office. All rts. reserv.

00430823
Method and apparatus for driving stepping motor.
Verfahren und Gerat zum Betreiben eines Schrittschaltmotors.
Methode et appareil pour l'entrainement d'un moteur pas a pas.
PATENT ASSIGNEE:
  Kabushiki Kaisha Toshiba, (213137), 72, Horikawa-cho Saiwai-ku,
    Kawasaki-shi, (JP), (applicant designated states: DE;FR;GB)
INVENTOR:
  Takahashi, Masaki, c/o Intellectual Property Div., Kabushiki Kaisha
    Toshiba, 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105, (JP)
LEGAL REPRESENTATIVE:
  Freed, Arthur Woolf et al (30751), MARKS & CLERK 57-60 Lincoln's Inn
    Fields, London WC2A 3LS, (GB)
PATENT (CC, No, Kind, Date):   EP 462335   A1   911227 (Basic)
                               EP 462335   B1   940504
APPLICATION (CC, No, Date):   EP 90306619 900618;
PRIORITY (CC, No, Date): EP 90306619 900618
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: H02P-008/00;
ABSTRACT WORD COUNT: 180

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
        CLAIMS B (English)   EPBBF1   1234
        CLAIMS B (German)   EPBBF1   986
        CLAIMS B (French)   EPBBF1   1358
        SPEC B   (English)   EPBBF1   8072
Total word count - document A   0
Total word count - document B   11650
Total word count - documents A + B   11650

...SPECIFICATION Fig. 17, the arithmetic unit 60b has substantially the
  same arrangement as that of the **arithmetic** unit shown in Fig. 13. More
  specifically, the arithmetic **unit** 60b **reads** out pulse rate **data**
  corresponding to a velocity designated by the velocity setting unit 75
  from the memory unit 50, and controls...

31/3,K/28   (Item 13 from file: 348)
DIALOG(R)File 348:European Patents
(c) 2000 European Patent Office. All rts. reserv.

00401208
Servicing interrupts in a data processing system
Unterbrechungsbedienung in einem Datenverarbeitungssystem
Prise en charge d'interruptions dans un systeme de traitement de donnees
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road,
    Armonk, N.Y. 10504, (US), (applicant designated states:
    AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)
INVENTOR:
  Dinwiddie, John Monroe, Jr., 112 Pacer Circle, West Palm Beach, FL 33414,
    (US)
  Grice, Lonnie Edward, 252 N.W. 44th Street, Boca Raton, FL 33431, (US)
  Loffredo, John Mario, 2694 S.W. 14th Drive, Deerfield Beach, FL 33442,
    (US)

Sanderson, Kenneth Russell, 1132 Widgeon Road, West Palm Beach, FL 33414,
    (US)
LEGAL REPRESENTATIVE:
    Bailey, Geoffrey Alan (27921), IBM United Kingdom Limited Intellectual
        Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)
PATENT (CC, No, Kind, Date): EP 398696 A2 901122 (Basic)
                              EP 398696 A3 940105
                              EP 398696 B1 970723
APPLICATION (CC, No, Date):   EP 90305309 900516;
PRIORITY (CC, No, Date): US 353117 890517
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE
INTERNATIONAL PATENT CLASS: G06F-015/16; G06F-013/26;
ABSTRACT WORD COUNT: 214

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
     CLAIMS A   (English)   EPABF1   700
     CLAIMS B   (English)   9707W4   715
     CLAIMS B   (German)   9707W4   619
     CLAIMS B   (French)   9707W4   829
     SPEC A   (English)   EPABF1   70506
     SPEC B   (English)   9707W4   70530
Total word count - document A   71213
Total word count - document B   72693
Total word count - documents A + B   143906

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

...SPECIFICATION through special hardware allowing each to communicate with
    the other on a direct basis (i.e ., without **using** existing I/O
    channels of either).
    A special type of tight coupling presently contemplated, termed...

   31/3,K/29   (Item 14 from file: 348)
DIALOG(R)File 348:European Patents
(c) 2000 European Patent Office. All rts. reserv.

00401205
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
**Method and apparatus for adding a data processing function to a data
    processing system**
**Verfahren und Anordnung zum Hinzufugen von einer Datenverarbeitungsfunktion
    zu einem Datenverarbeitungssystem**
**Methode et appareil pour l'addition d'un fonction de traitement des donnees
    a un systeme de traitement de donnees**
PATENT ASSIGNEE:
    International Business Machines Corporation, (200120), Old Orchard Road,
        Armonk, N.Y. 10504, (US), (applicant designated states:
        AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)
INVENTOR:
    Dinwiddie, John Monroe, Jr., 112 Pacer Circle, West Palm Beach, FL 33414,
        (US)
    Grice, Lonnie Edward, 252 N.W. 44th Street, Boca Raton, FL 33431, (US)
    Joyce, James Maurice, 1544 N.W. 9th Street, Boca Raton, FL 33486, (US)
    Loffredo, John Mario, 2694 S.W. 14th Drive, Deerfield Beach, FL 33442,
        (US)
    Sanderson, Kenneth Russell, 1132 Widgeon Road, West Palm Beach, FL 33414,
        (US)
    Baker, Ernest Dysart, 12032 Deer Run, North Carolina, 27614, (US)
LEGAL REPRESENTATIVE:
    Bailey, Geoffrey Alan (27921), IBM United Kingdom Limited Intellectual
        Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)
PATENT (CC, No, Kind, Date): EP 398693 A2 901122 (Basic)
                              EP 398693 A3 940202
                              EP 398693 B1 980909

APPLICATION (CC, No, Date):   EP 90305306 900516;
PRIORITY (CC, No, Date): US 353111 890517
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE
INTERNATIONAL PATENT CLASS: G06F-015/16; G06F-013/12;
ABSTRACT WORD COUNT: 219

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9837	1109
CLAIMS B	(German)	9837	979
CLAIMS B	(French)	9837	1299
SPEC B	(English)	9837	71715
Total word count – document A			0
Total word count – document B			75102
Total word count – documents A + B			75102

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

...SPECIFICATION 370 processor pairs are coupled individually to the common
   bus structure of the S/88 **via** a storage **manager** **apparatus** and S/88
   bus interface for fetching and storing S/370 instructions and **data** from
   their respective dedicated storage area.
      The preferred embodiment provides a method and means of...

   31/3,K/30   (Item 15 from file: 348)
DIALOG(R)File 348:European Patents
(c) 2000 European Patent Office. All rts. reserv.

00270181
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
Distributed packet switching system.
Verteiltes Paketvermittlungssystem.
Systeme de commutation a paquets distribue.
PATENT ASSIGNEE:
   AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412,
      (US), (applicant designated states: BE;DE;FR;GB;IT;NL;SE)
INVENTOR:
   Hunter Paul Douglas, 107 Hopi Court, Naperville Illinois 60540, (US)
   Johnson, James Moscoe, Jr., 21W762 Glen Valley Drive, Glen Ellyn Illinois
      60137, (US)
   McHarg, Christopher Gordon, 1110 S. Fernandez, Arlington Heights Illinois
      60005, (US)
   Pierce, David Anthony, 2158 Blacksmith Drive, Wheaton Illinois 60187,
      (US)
   Starr, Thomas Jonathan Jeremy, 904 South Hale, Wheaton Illinois 60187,
      (US)
   Widrevitz, Benjamin Cecil, 7136 Blackburn Street, Downers Grove Illinois
      60515, (US)
   Wilson, Ralph Alfred, III, 1N280 Darling Street, Wheaton Illinois 60187,
      (US)
   Zola, Meyer Joseph, 601 Washington Boulevard, Oak Park Illinois 60303,
      (US)
LEGAL REPRESENTATIVE:
   Johnston, Kenneth Graham et al (32381), AT&T (UK) Ltd. 5 Mornington Road,
      Woodford Green Essex, IG8 OTU, (GB)
PATENT (CC, No, Kind, Date):   EP 259117   A2   880309 (Basic)
                               EP 259117   A3   900124
                               EP 259117   B1   940126
APPLICATION (CC, No, Date):   EP 87307643 870828;
PRIORITY (CC, No, Date): US 904962 860905
DESIGNATED STATES: BE; DE; FR; GB; IT; NL; SE
INTERNATIONAL PATENT CLASS: H04L-012/54; H04L-012/58; H04Q-011/04;
ABSTRACT WORD COUNT: 134

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	740
CLAIMS B	(German)	EPBBF1	588
CLAIMS B	(French)	EPBBF1	938
SPEC B	(English)	EPBBF1	12369
Total word count - document A			0
Total word count - document B			14635
Total word count - documents A + B			14635

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

...SPECIFICATION priority packet would start bidding with an advanced bid. In the reverse direction, fine group **controller** 5021 transmits **received** packets **using** 30 of the 32 time slots on time-multiplexed line **5007** . Only **packet** line circuits defined by the packet headers actually store received packets in their packet buffers...

31/3,K/31   (Item 16 from file: 348)
DIALOG(R)File 348:European Patents
(c) 2000 European Patent Office. All rts. reserv.

00243230
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
Image information processing apparatus.
Bildinformationsverarbeitungsgerat.
Appareil pour le traitement d'une information d'image.
PATENT ASSIGNEE:
  KABUSHIKI KAISHA TOSHIBA, (213130), 72, Horikawa-cho Saiwai-ku,
    Kawasaki-shi Kanagawa-ken 210, (JP), (applicant designated states:
    DE;FR;NL)
INVENTOR:
  Kanno, Masayuki c/o Patent Division, Kabushiki Kaisha Toshiba 1-1
    Shibaura 1-chome, Minato-ku Tokyo 105, (JP)
LEGAL REPRESENTATIVE:
  Henkel, Feiler, Hanzel & Partner (100401), Mohlstrasse 37, W-8000 Munchen
    80, (DE)
PATENT (CC, No, Kind, Date): EP 249948 A2 871223 (Basic)
                              EP 249948 A3 880831
                              EP 249948 B1 911016
APPLICATION (CC, No, Date):   EP 87108669 870616;
PRIORITY (CC, No, Date): JP 86140915 860617
DESIGNATED STATES: DE; FR; NL
INTERNATIONAL PATENT CLASS: H04N-001/387;
ABSTRACT WORD COUNT: 179

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	532
CLAIMS B	(German)	EPBBF1	438
CLAIMS B	(French)	EPBBF1	626
SPEC B	(English)	EPBBF1	5931
Total word count - document A			0
Total word count - document B			7527
Total word count - documents A + B			7527

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

...SPECIFICATION and when the output of image information is provided by CRT display device 24 or **recording** device 25 (both serving as an **output   device**), this circuit also converts the pixel density **of** the image **information** according to the conversion factor which is associated with the pixel density of the image...
...2, magnetic disk 28 includes a pixel density conversion table storage area 28a, a retrieval **data** storage **area** 28b, **and   an** image

information memory address storage area 28c. Pixel density conversion
table storage area 28a contains conversion factors...

31/3,K/32   (Item 17 from file: 348)
DIALOG(R)File 348:European Patents
(c) 2000 European Patent Office. All rts. reserv.

00230793
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
Communication exchange device and method for hired vehicles
Einrichtung und Verfahren zur Vermittlung von Lohnfuhrwerken
Dispositif et procede de communication pour vehicules de location
PATENT ASSIGNEE:
  Funktaxi 3130 Vermittlungsgesellschaft m.b.H. und Co. KG., (813880),
    Edelhofgasse 27, A-1180 Wien, (AT), (applicant designated states:
    AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)
INVENTOR:
  Norman-Audenhove, Balduin, Edelhofgasse 27, A-1180 Wien, (AT)
LEGAL REPRESENTATIVE:
  Gibler, Ferdinand, Dipl.Ing. Dr. techn. (43391), Dorotheergasse 7/14,
    A-1010 Wien, (AT)
PATENT (CC, No, Kind, Date): EP 235498 A2 870909 (Basic)
                              EP 235498 A3 870930
                              EP 235498 B1 911023
APPLICATION (CC, No, Date):   EP 86890334 861204;
PRIORITY (CC, No, Date): AT 853564 851209
DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE
INTERNATIONAL PATENT CLASS: G07B-013/00
ABSTRACT WORD COUNT: 107

LANGUAGE (Publication,Procedural,Application): German; German; German
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
      CLAIMS B   (English) EPAB96   1130
      CLAIMS B   (German)   EPAB96   891
      CLAIMS B   (French)   EPAB96   1131
      SPEC B   (German)   EPAB96   3865
Total word count - document A   0
Total word count - document B   7017
Total word count - documents A + B   7017

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

...CLAIMS number has been dialled, this is forwarded to an automatic
    switching unit, if necessary after **electronic** processing:
    following **this** , in case b(sub 2)),
    c) **via** the switching **unit** , a user **directory** which can be
    addressed by telephone numbers is called up and the address
    associated with...

31/3,K/33   (Item 18 from file: 348)
DIALOG(R)File 348:European Patents
(c) 2000 European Patent Office. All rts. reserv.

00206852
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
IC card.
Chipkarte.
Carte a circuit integre.
PATENT ASSIGNEE:
  CASIO COMPUTER COMPANY LIMITED, (249360), 6-1, 2-chome, Nishi-Shinjuku,
    Shinjuku-ku Tokyo, (JP), (applicant designated states: DE;FR;GB)
INVENTOR:
  Kawana, Shigeyuki Pat. Dpt. D. Div. Hamura R & D, Center CASIO COMPUTER
    CO. LTD. 3-2-1, Sakae-cho, Hamura-machi Nishitama-gun Tokyo 190-11,

(JP)
Nakano, Harumi Pat. Dpt. D. Div. Hamura R & D, Center CASIO COMPUTER CO.
    LTD. 3-2-1, Sakae-cho, Hamura-machi Nishitama-gun Tokyo 190-11, (JP)
LEGAL REPRESENTATIVE:
    Strasse, Joachim, Dipl.-Ing. (11612), STRASSE & PARTNER Balanstrasse 55,
    D-81541 Munchen, (DE)
PATENT (CC, No, Kind, Date):   EP 212615 A2 870304 (Basic)
                               EP 212615 A3 880907
                               EP 212615 B1 911030
APPLICATION (CC, No, Date):   EP 86111419 860818;
PRIORITY (CC, No, Date): JP 85184435 850822
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G07F-007/10;
ABSTRACT WORD COUNT: 41

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	439
CLAIMS B	(German)	EPBBF1	221
CLAIMS B	(French)	EPBBF1	363
SPEC B	(English)	EPBBF1	7362
Total word count - document A			0
Total word count - document B			8385
Total word count - documents A + B			8385

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

...SPECIFICATION of that comparator is supplied to main controller 77.
    Further, the above output controller 87 **sends** the decryption **data**
    received from **encrypting** arithmetic unit 82, to IC card 11 **via** output
    buffer 88. Encrypting arithmetic **unit** 82 encrypts the **data** (PAN) from
    working RAM 73 via system bus 71, according to the public key code...

  31/3,K/34   (Item 19 from file: 348)
DIALOG(R)File 348:European Patents
(c) 2000 European Patent Office. All rts. reserv.

00205107
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
IC card system
Chipkartensystem
Systeme a carte a circuit integre
PATENT ASSIGNEE:
    CASIO COMPUTER COMPANY LIMITED, (249360), 6-1, 2-chome, Nishi-Shinjuku,
    Shinjuku-ku Tokyo 160, (JP), (applicant designated states:
    AT;BE;CH;DE;FR;GB;IT;LI;NL;SE)
INVENTOR:
    Nakano, Harumi Patent Dept. Development Div., Hamura R&D Center CASIO
    COMPUTER 3-2-1, Sakae-cho, Hamura-machi Nishitama-gun Tokyo 190-11,
    (JP)
    Shigenaga, Yoshimi Patent Dept. Development Div., Hamura R&D Center CASIO
    COMPUTER 3-2-1, Sakae-cho, Hamura-machi Nishitama-gun Tokyo 190-11,
    (JP)
LEGAL REPRESENTATIVE:
    Strasse, Joachim, Dipl.-Ing. et al (11612), Strasse, Vonnemann & Partner
    Balanstrasse 55, 81541 Munchen, (DE)
PATENT (CC, No, Kind, Date):   EP 209092 A2 870121 (Basic)
                               EP 209092 A3 880727
                               EP 209092 B1 930929
APPLICATION (CC, No, Date):   EP 86109530 860711;
PRIORITY (CC, No, Date): JP 85156834 850716
DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IT; LI; NL; SE
INTERNATIONAL PATENT CLASS: G07F-007/10
ABSTRACT WORD COUNT: 81

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB97	914
CLAIMS B	(German)	EPAB97	774
CLAIMS B	(French)	EPAB97	1026
SPEC B	(English)	EPAB97	10489
Total word count - document A			0
Total word count - document B			13203
Total word count - documents A + B			13203

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

...SPECIFICATION encrypted, with the key of "CA", in response to the
command from main controller 77, **and** outputted to input/output
controller 86 . **The data** base, i.e . the encrypted **data** is
output to the host computer, when it is connected in on-line manner. This
...

31/3,K/35   (Item 20 from file: 348)
DIALOG(R)File 348:European Patents
(c) 2000 European Patent Office. All rts. reserv.

00200729
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
**Data processing peripheral subsystems having a controller and a plurality
of peripheral devices.**
**Peripherie-Untersysteme fur Datenverarbeitung mit einer Steuereinrichtung
und einer Mehrheit von Peripheriegeraten.**
**Sous-systemes peripheriques pour traitement de donnees possedant un
controleur et une pluralite de dispositifs peripheriques.**
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road,
    Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
  Kulakowski, John Edward, 7541 E. Knollwood Pl., Tucson Arizona 85715,
    (US)
  Means, Rodney Jerome, 6988 E. Calle Cerca, Tucson Arizona 85715, (US)
LEGAL REPRESENTATIVE:
  Burt, Roger James, Dr. et al (52152), IBM United Kingdom Limited
    Intellectual Property Department Hursley Park, Winchester Hampshire
    SO21 2JN, (GB)
PATENT (CC, No, Kind, Date): EP 215184 A2 870325 (Basic)
                              EP 215184 A3 900425
                              EP 215184 B1 940112
APPLICATION (CC, No, Date):   EP 86105009 860411;
PRIORITY (CC, No, Date): US 733421 850513
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G06F-003/06;
ABSTRACT WORD COUNT: 89

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1580
CLAIMS B	(German)	EPBBF1	1399
CLAIMS B	(French)	EPBBF1	1882
SPEC B	(English)	EPBBF1	12316
Total word count - document A			0
Total word count - document B			17177
Total word count - documents A + B			17177

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

...CLAIMS signals.
  2. A data processing system as claimed in claim 1 characterised in that

said **data** -**transfer** means (32) comprises in each of said **devices**
data-format means **(87**) for indicating predetermined **data**
-format-reference indicia **interposed** between elements of data to be
transferred between said second **electronic** **control** circuits (21)
of **said** controller (11) and said first electronic **control**
circuits of **said** **devices** (12) which relate to a predetermined
logical arrangement of the data as transferred within the...

...controller comprises write/read-circuit-control means (23) connected to
said device-gating means (90) **via** said time-controlled
information-transfer means (120, 122) for transferring data signals
between the first **electronic** control circuits of a currently
selected **device** and said **controller** **electronic** control
circuits (21) intermediate in time between successive ones of said
indicated data-format-reference indicia.

00821513
Data broadcast receiving apparatus
Datenrundfunkempfanger
Recepteur pour un systeme de radiodiffusion de donnees
PATENT ASSIGNEE:
   MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza-Kadoma,
      Kadoma-shi, Osaka 571-8501, (JP), (Proprietor designated states: all)
INVENTOR:
   Maeda, Takio, 7-2-8-202 Tawaradai, Shijonwateshi, Osaka 575, (JP)
   Henmi, Hidemi, 2-28-23, Jinryo, Otsu-shi, Shiga 520-21, (JP)
   Yamaguchi, Namio, 81-3, Ikaganishi-cho, Hirakata-shi, Osaka 573, (JP)
   Kandaka, Isao, 1-29-2, Higashinakaburi, Hirakata-shi, Osaka 573, (JP)
LEGAL REPRESENTATIVE:
   Crawford, Andrew Birkby et al (29761), A.A. Thornton & Co. 235 High
      Holborn, London WC1V 7LE, (GB)
PATENT (CC, No, Kind, Date):   EP 763942 A2 970319 (Basic)
                               EP 763942 A3 971210
                               EP 763942 B1 021218
APPLICATION (CC, No, Date):   EP 96306664 960913;
PRIORITY (CC, No, Date): JP 95236706 950914; JP 95236707 950914; JP
      95236708 950914; JP 95236709 950914; JP 95236710 950914
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: H04N-007/173
CITED PATENTS (EP B): EP 569311 A; EP 583196 A

ABSTRACT EP 763942 A2
   The invention relates to a data broadcast receiving apparatus used in a
   system combined with other transmission line such as telephone circuit,
   by receiving television broadcast having data broadcast signal such as
   teletext signal superposed on television broadcast signal, in which a
   first auxiliary information signal contained in the data broadcast signal
   and a second auxiliary information signal from other transmission line
   are extracted, control procedure is created on the basis of the first and
   second auxiliary information signals, and the data broadcast signal and
   two pieces of main information from other transmission line are processed
   efficiently according to the purpose.
ABSTRACT WORD COUNT: 102
NOTE:
   Figure number on first page: NONE

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Grant: 021218 B1 Granted patent
 Examination: 20000202 A2 Date of dispatch of the first examination
                            report: 19991216
 Application: 970319 A2 Published application (A1with Search Report
                            ;A2without Search Report)
 Change: 970326 A2 Inventor (change)
 Search Report: 971210 A3 Separate publication of the European or
                            International search report
 Examination: 980325 A2 Date of filing of request for examination:
                            980123
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
      CLAIMS A (English)   EPAB97   1140
      CLAIMS B (English)   200251   1214
      CLAIMS B   (German)   200251   983
      CLAIMS B   (French)   200251   1538
      SPEC A   (English)   EPAB97   9854
      SPEC B   (English)   200251   9961
Total word count - document A   10996
Total word count - document B   13696
Total word count - documents A + B   24692

...SPECIFICATION processes the information, and transmits the result to the broadcast station through the telephone circuit.

Next, in the case of television shopping by washing the **television** broadcast or online survey, the **operation** is as follows. In the individual data broadcast receiving apparatus 310, the ID number is preliminarily provided and registered in the RAM 313. The television broadcasting station contains, in the data broadcast signal superposed in the vertical blanking period of the **television** broadcast, the delay **control** data, aside from the telephone number of the response server 340 offering **online** service, **mail - order** sales company name, merchandise name, merchandise number, price, and other data.

The delay control data is the delay time from request of connection of online...

...SPECIFICATION processes the information, and transmits the result to the broadcast station through the telephone circuit.

Next, in the case of television shopping by watching the **television** broadcast or online survey, the **operation** is as follows. In the individual data broadcast receiving apparatus 310, the ID number is preliminarily provided and registered in the RAM 313. The television broadcasting station contains, in the data broadcast signal superposed in the vertical blanking period of the **television** broadcast, the delay **control** data, aside from the telephone number of the response server 340 offering **online** service, **mail - order** sales company name, merchandise name, merchandise number, price, and other data.

The delay control data is the delay time from request of connection of online...

8/5,K/15   (Item 15 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00288579
Cooking computer communication system.
Übertragungssystem fur einen Kochrechner.
Systeme de communication pour calculateur de cuisson.
PATENT ASSIGNEE:
    FOOD AUTOMATION-SERVICE TECHNIQUES, INC. a corporation of the State of
        Delaware, (755420), 905 Honeyspot Road, Stratford Connecticut 06497,
        (US), (applicant designated states:
        AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)
INVENTOR:
    Albrecht, Lance M., 51 Jones Road, Wallingford Connecticut 06492, (US)
    Pasquini, Mario, 7 Little Pond Road, Milford Connecticut 06460, (US)
    Schreyer, William M., 872 Judd Road, Monroe Connecticut 06468, (US)
LEGAL REPRESENTATIVE:
    Leineweber, Jurgen, Dipl.-Phys. (7501), Nagelschmiedshutte 8, D-50859
        Koln, (DE)
PATENT (CC, No, Kind, Date):   EP 285056   A2   881005 (Basic)
                               EP 285056   A3   890301
                               EP 285056   B1   940427
APPLICATION (CC, No, Date):   EP 88104960 880328;
PRIORITY (CC, No, Date): US 33097 870331
DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE
INTERNATIONAL PATENT CLASS: G05D-023/19; A47J-027/62;
CITED PATENTS (EP A): US 4380698 A; US 4626662 A; US 4131786 A

ABSTRACT EP 285056 A2
    A cooking computer communication system in which a control computer
    controls one or more cooking appliance computers. The control computer
    may, for example, be a local store computer or may be a remote corporate
    mainframe computer. The system also may include an interface
    microprocessor between the cooking appliance computer and the local
    computer and the control computer may include the interface processor.
    The local store computer or the remote commputer may also act as a
    monitor computer.
ABSTRACT WORD COUNT: 81

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Lapse: 20000126 B1 Date of lapse of European Patent in a
                                 contracting state (Country, date): AT
                                 19940427, GR 19940427,
  Application: 881005 A2 Published application (Alwith Search Report
                               ;A2without Search Report)
  Change: 890201 A2 Representative (change)
  Search Report: 890301 A3 Separate publication of the European or
                               International search report
  Examination: 890906 A2 Date of filing of request for examination:
                               890712
  Examination: 910626 A2 Date of despatch of first examination report:
                               910510
  Grant: 940427 B1 Granted patent
  Lapse: 950111 B1 Date of lapse of the European patent in a
                               Contracting State: AT 940427
  Oppn None: 950419 B1 No opposition filed
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
     CLAIMS B   (English)   EPBBF1   738
     CLAIMS B   (German)   EPBBF1   662
     CLAIMS B   (French)   EPBBF1   822
     SPEC B   (English)   EPBBF1   4645
Total word count - document A   0
Total word count - document B   6867
Total word count - documents A + B   6867

...SPECIFICATION filed September 25, 1986. The communication system may
  handle a variety of messages including messages relating to inventory
  control and load level for the individual **cooking   appliance
  computers** . Additional **messages** such **as   commands** to start and
  terminate the **cooking** appliance computers and the local computer and to
  turn off any or all power supplies in the store can be issued from the
  remote computer

00378128   **Image available**
I*DOLL
POUPEE I*
Patent Applicant/Assignee:
  CREATOR LTD,
  GABAI Oz,
  GABAI Jacob,
  COHEN Moshe,
Inventor(s):
  GABAI Oz,
  GABAI Jacob,
  COHEN Moshe,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9718871 A2 19970529
  Application: WO 96IL157 19961120   (PCT/WO IL9600157)
  Priority Application: US 95561316 19951120
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
  FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW
  MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW
  SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT
  LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Main International Patent Class: H04B-007/00
International Patent Class: A63H-30:04
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 74661

English Abstract
  A wireless computer controlled toy system which includes a computer
  system (100, 105) operative to transmit a first transmission signal via a
  first wireless transmitter (110), and at least one toy including a first
  wireless receiver (122, 130), where the toy receives the first
  transmission via the first wireless receiver and is operative to carry
  out at least one action based on said first transmission. A method for
  controlling a wireless toy is disclosed.

French Abstract
  L'invention se rapporte a un appareil destine a etre utilise avec un
  systeme de jouet commande par un ordinateur sans fil. Cet appareil
  comprend un systeme informatique qui realise une premiere transmission
  via un premier emetteur radio sans fil et au moins un jouet comprenant un
  premier recepteur sans fil, le jouet recevant la premiere transmission
  via le premier recepteur sans fil et realisant une action sur la base de
  la premiere transmission. L'invention se rapporte egalement a un procede
  de commande du systeme de jouet.

Fulltext Availability:
  Detailed Description

Detailed Description
... invention the computer system
  includes a plurality of computers.

  Additionally in accordance with a preferred
  embodiment of the present invention the first trans
  mission includes **computer** identification data and the
  second transmission includes computer identification
  data.

  Additionally in accordance with a preferred
  embodiment of the present invention the at least one...a sound signal
  which represents a sound

input via the sound input apparatus.
Additionally 4n
.' accordance with a preferred
embodiment of the present invention the **computer** system
is also operative to perform at least one of the follow
ing actions: manipulate the sound signal; and play the
sound signal.

Additionally in...including a a proximity detection subsystem operative
to
detect proximity between the toy and the computer;
Figs. 24A - 24E, taken together, form a de
tailed **electronic** schematic diagram of a multi-channel
implementation of the **computer** radio interface 110 of
Fig. 3 which is similar to the detailed electronic schematic diagrams of
Figs. 5A - 5D except for being multi
channel, therefore...operative in accordance with a preferred embodiment
of
the present invention. The system of Fig. 1A comprises a
computer 100, which may be any suitable **computer** such as,
for example, an IBM-compatible personal computer. The
computer 100 is equipped with a screen 105. The computer
100 is preferably equipped with...the state of one or more input
devices 140, until a future time when another signal from
the radio control interface 110 requests the toy **control**
 device 130 to transmit a signal comprising the stored
data received from the one or more input devices 140; or
a request to transmit analog data...

...comprising
sound, typically for a specified period of time.

Typically, all signals transmitted in both
directions between the computer radio interface 110 and
the toy **control** **device** 130 include information identifying the toy.

Reference is now made to Fig. IC, which is a
partly pictorial, partly block diagram illustration of a
computer...

...100 may be used. In
the implementation of Fig. IC, all signals transmitted in
both directions between the computer radio interface 110
and the toy **control** **device** 130 typically include information
identifying the computer.
The operation of the system of Fig. 1A is now
I 9
briefl
 described. Typically, the computer 100...animated object 16o
are now performed through the toy 122, under control of
the computer 100 through the computer radio interface 110
and the toy **control** **device** 130.

Fig. 2C depicts the situation after the toy 126
has also been brought into range of the computer radio
interface 110 of Fig. 1A...

...animated object 165 are now
performed through the toy 126, under control of the
computer 100 through the computer radio interface 110 and
the toy **control** **device** 130.

In Fig. 2A, the user interacts with the animat
ed objects 160 and 165 on the computer screen, typically
using conventional methods. In Fig...response to the received command. In
the case
of a MIDI command received from the computer 100, execut
ing the command may comprise transmitting the **command** to

the toy **control** **device** 130. Executing a MIDI **command** may
also comprise switching audio output of the computer
 control **device** 110 between the secondary audio interface
230 and the radio transceiver 260. Normally the secondary
audio interface 230 is directly connected to the audio
interface 220 preserving the connection between the
computer sound board and the peripheral audio devices
such as speakers, microphone and **stereo** system.

Reference is now made to Figs. 9B - 9N, and
additionally reference is made back to Figs. 8D - 8M, all
of which, taken together, comprise...

 19/5,K/48   **(Item 39 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00333854
COMPUTER SYSTEM INCLUDING MEANS FOR DECISION SUPPORT SCHEDULING
SYSTEME INFORMATIQUE DOTE DE MOYENS DE PLANIFICATION D'AIDE A LA DECISION
Patent Applicant/Assignee:
  SUN OPTECH LTD,
  KOSKI Robert E,
  BARLOW Christopher,
  Henderson Kenneth R,
Inventor(s):
  KOSKI Robert E,
  BARLOW Christopher,
  Henderson Kenneth R,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9616365 A2 19960530
  Application: WO 95IB1160 19951114   (PCT/WO IB9501160)
  Priority Application: US 94339520 19941114
Designated States: AU CA JP KR MX US AT BE CH DE DK ES FR GB GR IE IT LU MC
  NL PT SE
Main International Patent Class: G06F-019/00
International Patent Class: G06F-17:60
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 14143

English Abstract
  A demand driven pull-through computerized decision support scheduling
  system - The Cube System - employing a CUBEBOOKING Program operating in
  near real time to load Jobs (a sequence of predefined process) in Cube
  Cells at a Workspace in Time defined in a selected Cube World in response
  to demand place on the Cube World by a customer order, which program
  allocates the best available resources to produce products (Product
  Resources) composed of materials (Material Resources on a Positive Bill
  of Materials) having Features (contained in a Negative Bill of
  Materials). The Cube System operates to keep track of alternate probable
  process paths by scoring systems and retains resource usage production
  history patterns as Prime Data to resolve conflicts between
  capacity-limited resources (Resource Contentions). The CUBEVIEW Program
  provides three-dimensional representations of Demand and Supply of
  Resources (displayed on the z axis) at Workspaces (displayed on the y
  axis) in Time (displayed on the x axis) by a series of Cube Views, and
  displays Resource contentions, the presence of which requires user
  intervention to rotate the cube display to examine the z, y axis
  (Resources, z, on the horizontal axis; Workspaces y, again on the
  vertical axis, at time = 0, a given Time Cell) for contentions. Using the
  view the system recommends alternative reallocation of Resources to other
  Workspaces to eliminate Resource Contentions in the various Cube Cells.

French Abstract

Systeme de planification d'aide a la decision informatise, adaptatif et
regi par la demande - le systeme "Cube system" - utilisant un programme
"CUBEBOOKING" fonctionnant en temps reel presque pour charger des taches
(une sequence de traitement predefini) dans des cellules appelees
"Cubecells" au niveau d'un espace de travail dans le temps defini dans le
"Cubeworld" selectionne en reponse a une demande faite dans ce dernier
par une commande client, ledit programme attribuant les meilleures
ressources disponibles pour produire des produits (Ressources Produits)
constitues de materiel (Ressources Materiels sur une Liste de Materiels
Positive) presentant certaines Caracteristiques (contenues dans une Liste
de Materiels Negative). Le systeme "Cube System" est concu pour assurer
le suivi d'autres chemins de traitements possibles par des systemes de
comptabilisation et conserve les modeles historiques de production et
d'utilisation des ressources sous forme de donnees primaires pour
resoudre les conflits entre les ressources de capacite limitee (Conflits
de Ressources). Le Programme "CUBEVIEW" produit des representations
tridimensionnelles de la Demande et de l'Alimentation en Ressources
Disponibles (figurant sur l'axe z) au niveau des espaces de travail
(figurant sur l'axe y) dans le temps (figurant sur l'axe x) par une serie
de "Cube Views", et affiche les conflits de ressources, dont la presence
requiert une intervention de l'utilisateur qui se concretise par la
rotation de l'affichage cubique de sorte que les axes z, y puissent etre
examines (Ressources, z, sur l'axe horizontal; espaces de travail, y,
egalement sur l'axe vertical, au moment = 0, une cellule temps donnee)
pour les conflits. Le systeme recommande, a l'aide de la vue (view),
l'autre attribution possible des ressources a d'autres espaces de travail
afin d'eliminer les conflits de ressources dans les diverses cellules
"Cube Cells".

Fulltext Availability:
  Claims

Claim
...   attendant logic processor and coprocessor circuits configured by the
  software to perform the described functions; various data transfer links
  (cables, 1 Rp RF, optical and **microwave** transmission means
  therebetween); data structures including memory therein, containing
  physical manifestations or transformations (on a molecular or atomic
  sale) representing data, e.g., as differing...connected thereto and in
  communication with the LAN 5 by a data transmission medium such as
  T-base-ten or BNC wiring, 6, or by **microwave** . Other communication
  methods, including telephone messages, hand written notes, etc. may be
  used. The LAN 5 is connected to a wide area communication means 65...

...of the cube universe). This wide area communication means may be a T1 9
  T2, or T3 system with either a dedicated line or a **microwave** link, or
  it may be a communication service such as lntemetQD or CompuserveS
  whereby **orders** (demands) are made via **E - mail** , or it may be a direct
  phone modem hookup between the customer or vendor and the Cube System, or
  a manual order (demand) entry system...may be a single location, it may
  be as large as several plants, offices, warehouses, and vendors, or as
  small as a single department or **machine** . While the Customer **Orders**
  are considered to be exogenous demands, depending on the organization,
  such can be considered endogenous, i.e., "inside orders," for example,
  orders from a parent...

  19/5,K/50   (Item 41 from file: 349)
  DIALOG(R)File 349:PCT FULLTEXT
  (c) 2003 WIPO/Univentio. All rts. reserv.

  00154608
  INTERACTIVE PUMP SYSTEM
  SYSTEME A INTERACTION POUR POMPE A CARBURANT
  Patent Applicant/Assignee:
    HOLLIDGE Peter William,
  Inventor(s):
    HOLLIDGE Peter William,

English Abstract
    An interactive pump system capable of interacting with and responding to
    responses from a user, having a pump (105), a central processing unit
    (705) connected to the pump (105), and a display and input unit (1407)
    including a plurality of instruction displays and being connected to the
    pump and the central processing unit. The pump transmits transaction data
    concerning fluid pumped to the display and input unit which displays the
    transaction data, displays one instruction display, and transfers input
    responses from a user to the central processing unit. The central
    processing unit processes the input responses and controls the pump
    according to the responses.

French Abstract
    Systeme a interaction pour pompe a carburant, capable d'entrer en
    interaction avec des usagers et de reagir aux reponses de ceux-ci,
    compose d'une pompe (105), d'une unite centrale (705) reliee a la pompe
    (105) et d'une unite d'affichage et d'entree (1407) comportant plusieurs
    unites d'affichage d'instructions et qui est reliee a la pompe et a
    l'unite centrale. La pompe transmet les mouvements concernant le
    carburant pompe a l'unite d'affichage et d'entree qui affiche ces
    mouvements, affiche des instructions et transmet a l'unite centrale les
    reponses d'entree des usagers. L'unite centrale traite les reponses
    d'entree et commande la pompe en fonction de ces reponses.

Fulltext Availability:
    Detailed Description

Detailed Description
...   the kiosk
    computer 703 via the POS task 1311. The application task
    1303 is then logged sale complete in the log file.

    COMMAND FILES
    The **command** files which set the **device** terminals
    for communication between the hardware 101 and the software
    are appended to this description as schedule B. The command
    files determine the parameters for...ticks)R
    appl/device.h
    #define NDAVES 2
    typedef struct C
    unsigned video.port;
    unsigned touch.port;
    unsigned pump
    port;
    unsigned bulloch-port;
    I dave
     device ;
    dave-device devices I NDAVES 3
    C 2 2 I 2:i 3 1 'en 4 1 2 8
    C 25, 26, 274 29 1...break;
    if (T->centS.pUmped != 0 /* user pays at kiosk
    show-screen(dave,
    displaw,pump number(dave, T-"'-I.pump id.pumped

```
Set      Items    Description
S1       29317    (E OR ELECTRONIC OR COMPUTER? OR INTERNET OR ONLINE OR ON(-
                  )LINE)(1W)(MAIL??? OR MESSAG???) OR EMAIL??? OR INSTANT()(MES-
                  SAG??? OR MESSENGER? ?)
S2      231203    APPLIANCE? ? OR VCR? ? OR RECORDER? ? OR THERMOSTAT? ? OR -
                  FRIDGE? ? OR REFRIGERATOR? ? OR STEREO? ? OR MICROWAVE? ? OR -
                  OVEN? ? OR TV OR TELEVISION? ?
S3       40580    S2(5N)(CONTROL? OR MANAG? OR MANIPULAT? OR DIRECT? OR RUN?-
                  ??? OR OPERAT??? OR INSTRUCT???? OR COMMAND??? OR ORDER??? OR
                  ACTIVAT? OR INVOK?)
S4     1324157    DEVICE? ? OR MACHINE?? OR HARDWARE OR APPARATUS?? OR EQUIP-
                  MENT OR MECHANISM? ?
S5      524624    S4(5N)(CONTROL? OR MANAG? OR MANIPULAT? OR INTERACT? OR DI-
                  RECT? OR RUN???? OR (TURN??? OR SWITCH???)(3W)(ON OR OFF) OR -
                  OPERAT??? OR INSTRUCT???? OR COMMAND??? OR ORDER??? OR ACTIVA-
                  T? OR INVOK?)
S6        3981    S1(10N)(INSTRUCTION? ? OR COMMAND? ? OR ORDER? ? OR ATTACH-
                  MENT? ? OR ACTIVEX OR ACTIVE()X)
S7         513    S1(S)S3
S8          64    S1(S)S3(S)S6
S9         137    S3(10N)S1
S10        111    S9 NOT S8
S11         11    S10/TI,AB,CM
S12        100    S10 NOT S11
S13         41    S12 AND IC=G06F
S14         59    S12 NOT S13
S15       3768    S5(S)S1
S16        518    S5(S)S1(S)S6
S17       1237    S5(10N)S1
S18        299    S17(S)S6
S19         50    S5(S)S1(S)S6(S)S2
S20        290    S17/TI,AB,CM
S21         80    S18/TI,AB,CM
S22         73    S21 NOT (S8 OR S11 OR S14 OR S19)
```

```
File 275:Gale Group Computer DB(TM) 1983-2003/Sep 22
         (c) 2003 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Sep 23
         (c) 2003 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2003/Sep 22
         (c) 2003 The Gale Group
File  16:Gale Group PROMT(R) 1990-2003/Sep 22
         (c) 2003 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2003/Sep 23
         (c)2003 The Gale Group
File 624:McGraw-Hill Publications 1985-2003/Sep 22
         (c) 2003 McGraw-Hill Co. Inc
File  15:ABI/Inform(R) 1971-2003/Sep 23
         (c) 2003 ProQuest Info&Learning
File 647:CMP  Computer Fulltext 1988-2003/Aug W5
         (c) 2003 CMP Media, LLC
File 674:Computer News Fulltext 1989-2003/Sep W2
         (c) 2003 IDG Communications
File 696:DIALOG Telecom. Newsletters 1995-2003/Sep 22
         (c) 2003 The Dialog Corp.
File 369:New Scientist 1994-2003/Sep W2
         (c) 2003 Reed Business Information Ltd.
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc


Set     Items    Description
S1     1981876   (E OR ELECTRONIC OR COMPUTER? OR INTERNET OR ONLINE OR ON(-
                 )LINE)(1W)(MAIL??? OR MESSAG???) OR EMAIL??? OR INSTANT()(MES-
                 SAG??? OR MESSENGER? ?)
S2     3322224   APPLIANCE? ? OR VCR? ? OR RECORDER? ? OR THERMOSTAT? ? OR -
                 FRIDGE? ? OR REFRIGERATOR? ? OR STEREO? ? OR MICROWAVE? ? OR -
                 OVEN? ? OR TV OR TELEVISION? ?
S3      573975   S2(5N)(CONTROL? OR MANAG? OR MANIPULAT? OR INTERACT? OR DI-
                 RECT? OR RUN???? OR (TURN??? OR SWITCH???)(3W)(ON OR OFF) OR -
                 OPERAT??? OR INSTRUCT???? OR COMMAND??? OR ORDER??? OR ACTIVA-
                 T? OR INVOK?)
S4     9632218   DEVICE? ? OR MACHINE?? OR HARDWARE OR APPARATUS?? OR EQUIP-
                 MENT OR MECHANISM? ?
S5     1383504   S4(5N)(CONTROL? OR MANAG? OR MANIPULAT? OR INTERACT? OR DI-
                 RECT? OR RUN???? OR (TURN??? OR SWITCH???)(3W)(ON OR OFF) OR -
                 OPERAT??? OR INSTRUCT???? OR COMMAND??? OR ORDER??? OR ACTIVA-
                 T? OR INVOK?)
S6       70448   S1(10N)(INSTRUCTION? ? OR COMMAND? ? OR ORDER? ? OR ATTACH-
                 MENT? ? OR ACTIVEX OR ACTIVE()X)
S7         378   S3(S)S6
S8          77   S7 NOT PY=1998:2003
S9          53   RD (unique items)
S10       1328   S5(S)S6
S11         84   S5(S)S6(S)S2
S12         47   RD (unique items)
S13         11   S12 NOT (PY=1998:2003 OR S9)
S14       3127   S3(5N)S1
S15     470389   S2(5N)(CONTROL? OR MANAG? OR MANIPULAT? OR DIRECT? OR RUN?-
                 ??? OR OPERAT??? OR INSTRUCT???? OR COMMAND??? OR ORDER??? OR
                 ACTIVAT? OR INVOK?)
S16       1350   S15(5N)S1
S17      97251   REMOT?()CONTROL?
S18        135   S14(S)S17
S19         70   RD (unique items)
S20         26   S19 NOT PY=1998:2003
S21      86477   (APPLIANCE? ? OR VCR? ? OR VIDEO(1W)RECORDER? ? OR THERMOS-
                 TAT? ? OR FRIDGE? ? OR REFRIGERATOR? ? OR STEREO? ? OR MICROW-
                 AVE? ? OR OVEN? ?)(5N)(CONTROL? OR DIRECT? OR RUN???? OR OPER-
                 AT??? OR INSTRUCT???? OR COMMAND???)
```

```
S22      1315     S1(S)S21
S23       367     S1(10N)S21
S24        99     S23 NOT PY=1998:2003
S25        59     RD (unique items)
S26        51     S25 NOT (S9 OR S13 OR S20)
```

02092826   SUPPLIER NUMBER: 19684651   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Briefs.... (News Briefs)
Multimedia Entertainment & Technology Report, p6(1)
July 25, 1997
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 497   LINE COUNT: 00043

TEXT:
        ...teaming to bring directories and other information services to
Saturn NetLink users. Under the partnership, InfoSpace will provide access
to its online yel- low pages, **e - mail** and classified advertising through
NetLink, an **attachment** to the Saturn videogame console that enables Web
access through the **television** . Access to the **directories** , located at
www.infospace.com and www.sega.com, will be free.

02031243   SUPPLIER NUMBER: 19090756   (USE FORMAT 7 OR 9 FOR FULL TEXT)
WebTV Offers Enhanced Service To San Francisco Area Hotels.
Newsbytes, pNEW02040076
Feb 4, 1997
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 398   LINE COUNT: 00035

...   service. Using a simple set-top box which connects to any standard
television, customers can install the device and access the World Wide Web
and **electronic - mail** in a matter of minutes. An agreement with On
Command opens a possible nine hundred thousand hotel rooms currently
receiving On Command content to WebTV's new service. The first stage of the
alliance calls...

...spokesperson for the company, told Newsbytes, "This is great news for
business travelers. Instead of worrying about telephone connections to a
notebook, they can go **directly** to a **television** to receive and send
critical business communications." Specific costs related to the service
were not provided. (19970204/Press Contact: Lee Helper, Bender, Goldman &
Helper, 310...

02013406   SUPPLIER NUMBER: 18943450   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Prime-time Internet. (Philips/Magnavox WebTV) (Hardware Review)(Evaluation)
Schwerin, Rich
PC/Computing, v10, n1, p105(1)
Jan, 1997
DOCUMENT TYPE: Evaluation   ISSN: 0899-1847   LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 668   LINE COUNT: 00053

ABSTRACT: Philips/Magnavox's WebTV is a set-top box that gives home users
access to the Internet on a **television** screen using a simple remote
control . The $329 device connects to the audio and video ports on a TV or
VCR and to a telephone line. Access costs $19.95 per...

...navigation fast and flicker-free; the parallel WebTV network mirrors
most Web content but does not support frames, Java, VRML, plug-ins, sound
files or **ActiveX** . Those using WebTV for **E - mail** will want the optional
$70 infrared keyboard. Future versions will support more Web file types,

and there is a Smart Card slot that is currently...

 9/3,K/4   (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01592238   SUPPLIER NUMBER: 13742735   (USE FORMAT 7 OR 9 FOR FULL TEXT)
On Command at Hilton Hotels. (Briefs)(Brief Article)
Digital Media, v2, n10-11, p36(1)
March 29, 1993
ISSN: 1056-7038   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 443   LINE COUNT: 00035

...   to transmit video and other services on demand.
     The analog system works much like a telephone in which a "caller" is
connected to video. Via **television** remote **control** , viewers may select a
desired service from their tv screen. A request signal is transmitted along
coaxial cable to an On **Command** site where a **vcr** or laserdisc is
activated to begin playing the video. Guest check-out and **electronic**
messaging services are similarly interactive.
     On **Command** relies on a bandwidth switch and sophisticated tracking
software technology to transmit video and other services.
     Since coaxial cable is already installed in most U...

 9/3,K/5   (Item 5 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01581197   SUPPLIER NUMBER: 13293492   (USE FORMAT 7 OR 9 FOR FULL TEXT)
What the new Bells could mean to you. (News Analysis)
Ubois, Jeff
MacWEEK, v7, n1, p54(2)
Jan 4, 1993
ISSN: 0892-8118   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1643   LINE COUNT: 00132

...ABSTRACT: ruling allowing the regional Bell operating companies (RBOCs)
to sell information services could lead to a new generation of computer
communications and home entertainment services. **Electronic** mail could
include sound recordings and video clips, while customers could **order**
pay-per-view **television** movies and pay bills electronically on the same
network. The Bell companies will play a crucial role in the growing
'information economy' if they can...

 9/3,K/6   (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2003 The Gale Group. All rts. reserv.

01535849   Supplier Number: 47398304   (USE FORMAT 7 FOR FULLTEXT)
LSI Logic Shrinks Electronic Brains of a Digital Camera Onto a Single Chip
PR Newswire, p0519SFM037
May 19, 1997
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1018

...   points."
     Digital cameras enable consumers to have much more control and
flexibility over the final pictures. The images can be downloaded onto a
computer or **television** for viewing, or even **manipulated** using imaging
software. As today's technology becomes more focused towards the rapidly
expanding world of Internet publishing, consumers can post their
computer-stored images on a Web page, or send pictures via **e - mail**
attachments -- all without the need for a scanner device. Businesses, such
as real-estate and home shopping, can cost-effectively update images on the

Internet, helping...

9/3,K/7   (Item 2 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2003 The Gale Group. All rts. reserv.

01487943   Supplier Number: 47117192   (USE FORMAT 7 FOR FULLTEXT)
Symantec Announces pcANYWHERE(TM) CE for Handheld PCs
PR Newswire, p210SFM027
Feb 10, 1997
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1592

...   the remote Windows CE PC and their desktop PC back at the office.
    "Most of us are familiar with the operations and benefits of the **TV**
remote **control** , the garage door opener, pagers, and the cellular phone,"
said Christopher Calisi, Vice President of the Remote Productivity
Solutions Business Unit at Symantec. "pcANYWHERE CE is the first handheld
PC remote control software. For a mobile professional who wants to quickly
send **e - mail** with **attachments** , check out any web site at full network
speed while on the road, or an IS professional who needs to fix an NT
server across...

9/3,K/8   (Item 3 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2003 The Gale Group. All rts. reserv.

01329017   Supplier Number: 46007369   (USE FORMAT 7 FOR FULLTEXT)
REUTERS LAUNCHES KOBRA, A NEW WORKSTATION
PR Newswire, p1214NYTH040
Dec 14, 1995
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 437

...   sources on a Reuters Triarch 2000 information management system
using the Reuters Source/Sink Library (SSL) interface. It can also access
historical data, Reuters Financial **Television** (RFTV), **order** routing,
the ReuterMail **electronic   mail** service and risk management information.
    Initially, it is available on Solaris SUN and Microsoft Windows NT
platforms, and will be extended shortly to a full...

9/3,K/9   (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

03753998   Supplier Number: 48120434   (USE FORMAT 7 FOR FULLTEXT)
**CAP GEMINI: Mail order retailers can extract clear benefits right now from
  electronic channels**
M2 Presswire, pN/A
Nov 13, 1997
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 702

    RDATE:111197
    Rather than waiting for the much-debated explosion in
Internet-connected households before they commit to **electronic** shopping,
mail   order retailers can use the cornerstones of electronic commerce to
improve their existing businesses by heightening their understanding of
their customers. Once a customer-focussed infrastructure is in place,
achieved through creative use of Internet technologies, retailers are well
positioned to bolt on new channels, like the Internet or **interactive   TV**
, as each becomes viable to reach their customers.

Speaking at the ninth European Catalogue and Mail Order Days
conference at the Novotel in London today...

9/3,K/10   (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

03648837   Supplier Number: 47858272   (USE FORMAT 7 FOR FULLTEXT)
Briefs...Sega of America
Multimedia Entertainment & Technology Report, v6, n27, pN/A
July 25, 1997
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 77

     (USE FORMAT 7 FOR FULLTEXT)
TEXT:
...are teaming to bring directories and other information services to
Saturn NetLink users. Under the partnership, InfoSpace will provide access
to its online yellow pages, **e - mail** and classified advertising through
NetLink, an **attachment** to the Saturn videogame console that enables Web
access through the **television** . Access to the **directories** , located at
www.infospace.com and www.sega.com, will be free.

9/3,K/11   (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

03592920   Supplier Number: 47437904   (USE FORMAT 7 FOR FULLTEXT)
LSI Logic Builds Camera Chip
Semiconductor Industry & Business Survey, v19, n6, pN/A
June 2, 1997
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 190

     Digital images can be downloaded onto a computer or **television**   for
viewing, or even **manipulated** using imaging software. As today's
technology becomes more focused towards the rapidly expanding world of
Internet publishing, consumers can post their computer-stored images on a
Web page, or send pictures via **e - mail**   **attachments** - all without the
need for a scanner device. Businesses, such as real-estate and home
shopping, can cost-effectively update images on the Internet, helping...

9/3,K/12   (Item 4 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

03449386   Supplier Number: 47107078   (USE FORMAT 7 FOR FULLTEXT)
WebTV, ON COMMAND TEAM ON CUSTOMIZED HOTEL INTERNET SERVICE
Information & Interactive Services Report, v18, n5, pN/A
Feb 7, 1997
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 712

...   customized service will incorporate the standard WebTV Internet
access plus specific services for hotel guests, including local directories
and city guides, as well as various **e - mail** capabilities. On **Command**
has an existing relationship with Bell Atlantic Electronic Publishing Inc.,
which provides the **television** - based InfoTravel **interactive** Yellow
Pages and directories to selected hotels in the Washington, D.C., and
Chicago areas (IISR, June 14, 1996, p. 4). "This agreement has no...

9/3,K/13   (Item 5 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

03447587   Supplier Number: 47102724 (USE FORMAT 7 FOR FULLTEXT)
4. WEBTV, ON COMMAND PLAN HOTEL ACCESS
Interactive Daily, pN/A
Feb 5, 1997
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 119

    (USE FORMAT 7 FOR FULLTEXT)
TEXT:
...s settop in select San Francisco hotels next month. Hotel guests may use
the settop to browse the Internet, enter chat rooms and get/receive **email**
through the room's **television** set. On **Command** will charge an
undetermined amount during the test phase. Once installed the service will
be a pay-per-use system. Settops will be available to...

9/3,K/14   (Item 6 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

03447088   Supplier Number: 47101359 (USE FORMAT 7 FOR FULLTEXT)
WebTV Offers Enhanced Service To San Francisco Area Hotels 02/04/97
Newsbytes, pN/A
Feb 4, 1997
Language: English   Record Type: Fulltext
Document Type: Newswire; General Trade
Word Count: 364

...   service. Using a simple set-top box which connects to any standard
television, customers can install the device and access the World Wide Web
and **electronic - mail** in a matter of minutes. An agreement with On
Command opens a possible nine hundred thousand hotel rooms currently
receiving On Command content to WebTV's new service. The first stage of the
alliance calls...

...spokesperson for the company, told Newsbytes, "This is great news for
business travelers. Instead of worrying about telephone connections to a
notebook, they can go **directly** to a **television** to receive and send
critical business communications." Specific costs related to the service
were not provided. (19970204/Press Contact: Lee Helper, Bender, Goldman &
Helper, 310...

9/3,K/15   (Item 7 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

03385451   Supplier Number: 46964936 (USE FORMAT 7 FOR FULLTEXT)
Newsbytes Daily Summary 12/11/96
Newsbytes, pN/A
Dec 11, 1996
Language: English   Record Type: Fulltext
Document Type: Newswire; General Trade
Word Count: 2587

...   Jim Mallory. In what could be the wave of the future, a Colorado
Internet service provider (ISP) and a local TV station are offering free e
- **mail** service.
    4) Time Warner Places 1mil Unit Set-Top Box **Order** -- REPEAT/By Bob
Woods. Time Warner's [NYSE:TWX] cable television subsidiary said
Scientific- Atlanta [NYSE:SFA] is the big winner in a digital set-top cable
 TV box **order** and digital network program that carries a $400 million
price tag. Other companies taking parts of the contract include General

9/3,K/16   (Item 8 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

03283020   Supplier Number: 46740943 (USE FORMAT 7 FOR FULLTEXT)
**TIME COMPUTER SYSTEMS LIMITED: Time Computers and Powerhouse announce new
  retail initiative**
M2 Presswire, pN/A
Sept 26, 1996
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 664

     RDATE:260996
     Time Computer Systems Limited, the UK's largest **computer** , **mail**
order company has today announced it is to enter retailing through a joint
 operation in association with local home **appliance** specialist,
Powerhouse.
     Time is to establish specially designed in-store showrooms initially
within 21 Powerhouse Superstores throughout the Midlands, southern and
eastern parts of England...

9/3,K/17   (Item 9 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

02885759   Supplier Number: 45859827 (USE FORMAT 7 FOR FULLTEXT)
COURT TV TO LAUNCH WEB SITE
Media Daily, v3, n199, pN/A
Oct 16, 1995
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 111

...   e-mail address, Court TV will check "with the appropriate state
authorities" to see if there is any record of disciplinary action taken and
then **e** -mail its findings.
     Web visitors can also **order** items from the Court **TV** store.
     COPYRIGHT 1995 Simba Information, Inc

9/3,K/18   (Item 10 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

02809952   Supplier Number: 45700575 (USE FORMAT 7 FOR FULLTEXT)
Microsoft Refines Broadband Plans
Interactive Home, n60, pN/A
August, 1995
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1265

...   and what the program is, even during commercials.
     Hybrid Solutions A hybrid broadcast and online service model might
combine a chat service with a standard **television** program, **running** the
text along the bottom of the screen or display a clickable icon that
launches a Web site with more information about a product during an
infomercial. The hybrid system also enables online commerce by giving users
the ability to send an **e** - **mail**   **order** form to a merchant from the
television, or "play along" services such as quiz shows where your score is
displayed at the end of the...

9/3,K/19   (Item 11 from file: 636)

01183618   Supplier Number: 41073814   (USE FORMAT 7 FOR FULLTEXT)
HYPE ALERT: There's no more leisure.
Research Alert, v0, n0, pN/A
Dec 22, 1989
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 154

...   do have enough time, they want more. Smart advertisers will
continue to position products for a stressful lifestyle. Smart marketers
will explore convenience shopping--personal **computer** services, mail-
order catalogs, **television** shopping shows and even via fax machines.
Smart product planners will provide convenience.

9/3,K/20   (Item 1 from file: 16)

05357453   Supplier Number: 48148567   (USE FORMAT 7 FOR FULLTEXT)
Rooms With a Digital View
Lodging Hospitality, p85
Dec, 1997
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 588

...   period.
    To connect to the Internet, guests press a button on a remote control
device to launch On Command's WebTV Network service through the **TV** .
Guests may use On **Command** 's infrared wireless keyboard to surf the Web,
use **e - mail** and browse the HiltonWeb site.
    A high-speed phone line carries data up to 50 times faster than most
laptop computers with 28,800 bps...

9/3,K/21   (Item 2 from file: 16)

05120925   Supplier Number: 47818657   (USE FORMAT 7 FOR FULLTEXT)
POWER MOVE
Muirhead, Greg
Drug Topics, p70
July 7, 1997
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 3749

   (USE FORMAT 7 FOR FULLTEXT)
TEXT:
Mail-order pharmacy just won't go away. If people can **order** clothes,
appliances , and even expensive **computers** by **mail** , why should anyone be
surprised that more and more consumers are ordering prescription
medications by mail?

9/3,K/22   (Item 3 from file: 16)

05044383   Supplier Number: 47404952   (USE FORMAT 7 FOR FULLTEXT)
India switches on interactive TV
O'Neill, Peter

Electronics Times, p24
May 22, 1997
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1175

...   is keeping the hows and whys of that a secret for the moment.
     The service offers the usual teletext-type services, plus a facility
to **order** through the **TV** for tickets, **e - mail** , and automated TV
programme recording either on your own or a remote VCR, in this case that
of the cable operator.
     Tambe said: 'We are...

 9/3,K/23   (Item 4 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

04999584   Supplier Number: 47342370   (USE FORMAT 7 FOR FULLTEXT)
Compensation Responds To Market Shifts
Bruno, Carl; Hill, Shelley L.
Shopping Center World, p150
May, 1997
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1332

...   has outpaced demand. Across all sectors, disposable income is
dwarfed by the number of stores in which consumers can spend their money.
'Alternative' shopping choices - **e** .g., mail **order** catalogs, **television**
and Internet shopping - only add to the competition.
     Following a dismal performance during the 1995 holiday season, the
retail industry seemed to recover some strength...

 9/3,K/24   (Item 5 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

04893117   Supplier Number: 47196615   (USE FORMAT 7 FOR FULLTEXT)
Marriage of convenience, part 1
InfoWorld, p72
March 10, 1997
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 3095

...   in a future version but not in the imminent CallXpressNT.
     Once retrieved from the CallXpress3 server, voice mail in the Exchange
inbox is simply an **e - mail** with a .WAV file **attachment** . When you
double-click the **e - mail** , a small **VCR** -like **control** panel (an applet
in CallXpress3's client tool, Desktop Message Manager) opens to play the
file. You can play messages through a PC's sound...

 9/3,K/25   (Item 6 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

04865818   Supplier Number: 47156473
Executive at the controls of how appliances work.
Coleman, Teresa Lemons
Richmond Times-Dispatch (VA), pC1
Feb 25, 1997
Language: English   Record Type: Abstract
Document Type: Newspaper; Trade

ABSTRACT:

Siebe **Appliance   Controls** , a manufacturer of electromechanical and
electric **control** panels for **appliances** , has continued to grow under the
leadership of its president Bruce A. Henderson. Henderson has implemented
various changes designed to make the production of the company more
effective. This changes includes producing only what it has **orders** for,
empowering employees and the use of **e - mail** and videoconferencing in
monitoring operations of the firm's 17 facilities in 10 countries.
Henderson has a plan that will increase the firm's revenue to $1 billion
over the next five years. Among the clients of Siebe **Appliance   Controls**
are Amana, General Electric and Frigidaire/Electrolux. Henderson's strategy
of producing only what the market wants helps other division in developing
the proper product...

 9/3,K/26   (Item 7 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

04323727   Supplier Number: 46338132   (USE FORMAT 7 FOR FULLTEXT)
Speech becomes a software add-on
Electronic Engineering Times, p58
April 29, 1996
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 2207

...   striving for speech-to-text capability-a sort of dictation
machine-as well as text-to-speech, which would enable callers to obtain
voice mail, **e** -mail and fax messages remotely via the telephone. And there
are **command** -and- **control** applications for consumer **appliances** and
industrial equipment.
     Varying accuracy
     The capabilities of today's speech-recognition systems range from
responding to discrete spoken words or numbers to continuous speech...

 9/3,K/27   (Item 8 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

03796032   Supplier Number: 45408048
EMAIL IN TROUBLE AS WHITEGOOD SALES TRAIL
Australian Financial Review, p 1
March 17, 1995
Language: English   Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
 Email Ltd is forced to take drastic action in **order** to curb expected
profit declines in 1994-95.   The general **managers** of Email's major
appliances group(MAG) received an internal memorandum requesting them to
curb all discretionary expenditures in an attempt to improve its financial
position. The largest producer of...

 9/3,K/28   (Item 9 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

03199898   Supplier Number: 44383288
On information highway, Hearst heads due north
Chicago Tribune (IL) (National Edition), p3;1
Jan 25, 1994
Language: English   Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
Hearst has joined a consortium of five major Canadian companies to develop

'the first **interactive** and transactional two-way **television** network.'
The network, to be called 'Universality, Bidirectionality Interactivity,'
or UBI, will be on line in 1.4 mil homes in metropolitan Quebec City and...

...pay-per-view movies and events and a version of the phone directory, as
well as home banking, catalog shopping, grocery shopping, take-out food
orders , **electronic** **mail** , home college classes and even a chance to
play the Quebec lottery.   ...

9/3,K/29   (Item 10 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)

02999935   Supplier Number: 44070561 (USE FORMAT 7 FOR FULLTEXT)
Recession dulls airline entertainment cheer
Interavia Aerospace World, p36
Sept, 1993
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 2260

...   the passenger can access such services as live audio news and
entertainment, facsimiles, incoming messages and paging, portable computer
data transmissions, aircraft position tracking and **electronic** mail- **order**
 catalogue shopping. Live **television** broadcasts may be available in the
not-too-distant future as well.
     For air-to-ground telephone calls over the continental United States,
FlightLink signals...

9/3,K/30   (Item 11 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)

02766800   Supplier Number: 43709614 (USE FORMAT 7 FOR FULLTEXT)
This Old Computer
Advertising Age, v0, n0, p29
March 15, 1993
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; Trade
Word Count: 79

   (USE FORMAT 7 FOR FULLTEXT)
TEXT:
This Old Computer. PC Connection, a Marlow, N.H.-based **computer** equipment
mail- **order** company, has launched two syndicated **TV** shows, 'MacTV' and
'PC TV.' The shows offer product demonstrations and reviews, as well as
industry and consumer news. The half-hour 'PC TV' can...

9/3,K/31   (Item 12 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)

02599991   Supplier Number: 43454352 (USE FORMAT 7 FOR FULLTEXT)
Home Shopping Network Records Sales Increase
Discount Store News, v0, n0, p17
Nov 16, 1992
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 91

   (USE FORMAT 7 FOR FULLTEXT)
TEXT:
...earnings of $37.3 million compared to an $8.9 million loss from $1,078.5
million in sales in the prior fiscal year. The **electronic** and **mail**
order retailer has spun off Precision Systems, a voice and data processing

business, to its shareholders and plans to spin off Silver King
Communications, which **operates** 12 UHF **TV** stations that air its program
to stockholders.

9/3,K/32   (Item 13 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

01804856   Supplier Number: 42274484   (USE FORMAT 7 FOR FULLTEXT)
Video Alliance has new investor
Video Week, pN/A
August 5, 1991
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 126

    (USE FORMAT 7 FOR FULLTEXT)
TEXT:
...recognition comparable with True Value in hardware business, company
will be pursuing acquisitions of companies, Friedman said: "We're looking
at everything." It recently announced **electronic** mail- **order** catalog of
consumer electronics, small **appliances** , watches, pens and other items
that allow retailers to special-order merchandise for delivery within 1-3
days. Video Alliance is forming 10-15 member...

9/3,K/33   (Item 14 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

01391350   Supplier Number: 41656281   (USE FORMAT 7 FOR FULLTEXT)
ComputerLand banks on high television rating with customers
Computer Reseller News, p187
Nov 5, 1990
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 350

...   latest attempt by resellers to increase their influence with
customers.
     Several reseller organizations have already, or are about to, install
terminals at customer sites for **order** entry and **order** tracking;
customers with on-site terminals or **E - mail** connections to resellers can
avoid waiting on the phone while a salesperson checks the availability of a
part, for example. ComputerLand has connected clients to its **E** -mail
system, enabling users to track **orders** .
     But **television** is yet another a step, and buying satellite dishes
for customers could get expensive. Still, the reseller is up for the
challenge.
     "Time and again...

9/3,K/34   (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

01574111
Home Shopping says deal with C O M B is off.
ST PETERSBURG TIMES (FL)   February 19, 1987   p. A;251

     ... in a stock swap. Negotiations for the acquisition bogged down over
unresolvable differences between the companies. COMB is a joint venture
partner with 17 cable **television** **operators** in the Cable Value Network,
a program similar to Home Shopping's. Some of the partners in this Cable
Value Network joint venture, of which...

... liquidation and close-out merchandise, would have bolstered Home

Shopping Network's weaker ability to get merchandise for its program. Home Shopping has a sophisticated **computer** , **mail - order** and delivery system, so industry analysts praised the acquisition when it was first announced. ...

9/3,K/35   **(Item 2 from file: 160)**
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

00699023
A 'Catalog Cable Co-Op' was tested over Satellite Program Network (SPN) and Entertainment Sports Program Network (ESPN) to learn whether catalog offers could move cable subscribers to action.
Magazine of Direct Marketing   October, 1981   p. 40,411

PRODUCT NAME: Advertising **Management - Electronic** Media; **Mail   Order** Houses; **TV** Advertising, CATV

9/3,K/36   **(Item 1 from file: 148)**
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

10171796   SUPPLIER NUMBER: 20387510   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Rooms with a digital view. (San Jose, California hotels with interactive computer systems)
Wolff, Carlo
Lodging Hospitality, v53, n12, p85(1)
Dec, 1997
ISSN: 0148-0766   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 741   LINE COUNT: 00059

...   period.
    To connect to the Internet, guests press a button on a remote control device to launch On Command's WebTV Network service through the **TV** . Guests may use On **Command** 's infrared wireless keyboard to surf the Web, use **e - mail** and browse the HiltonWeb site.
    A high-speed phone line carries data up to 50 times faster than most laptop computers with 28,800 bps...

9/3,K/37   **(Item 2 from file: 148)**
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

09917179   SUPPLIER NUMBER: 19934905   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Five trends that will change marketing forever.
Galenskas, Stephanie Mariel
Direct Marketing, v60, n4, p26(2)
August, 1997
ISSN: 0012-3188   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 952   LINE COUNT: 00078

...   own outlet stores. Examples of retailers who have done this are Off Fifth (Saks Fifth Avenue), Gap, Barney's and Nordstrom Rack.
    Electronic retailing or **electronic   mail   order** is seen by Newell as another distribution channel that will impact the marketing scene well beyond the year 2000. It has been predicted that home...

...that now through 1998, Internet shopping will grow from $366 million to $3.7 billion, home shopping from $2.5 to $5.4 billion and **interactive television** shopping from $33.7 million to $4.2 billion.
    All of these changing channels of distribution make customer retention and maximizing sales from existing customers...

9/3,K/38   **(Item 3 from file: 148)**

09456991   SUPPLIER NUMBER: 19364457   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Internet the hot topic at Chicago Direct Marketing days '97.
Direct Marketing, v59, n11, p6(2)
March, 1997
ISSN: 0012-3188   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 761   LINE COUNT: 00063

...   means of selling that is so effective that many companies don't
need today's direct marketing agencies to make it work."
     This reporter said: **Internet** " **mail**   **order** " sales will equal
today's catalog sales (some $200 billion) by the year 2000 as television
sets and personal computers become one, providing consumers with the
ability to switch to the Internet while watching **TV** ; **direct** mail will
lose share of media market; unsolicited advertising will be blocked as AOL
is now doing in cyberspace. Will the Postal Service follow suit...

     9/3,K/39   (Item 4 from file: 148)

09334055   SUPPLIER NUMBER: 19184833   (USE FORMAT 7 OR 9 FOR FULL TEXT)
The Internet's expanding role in building customer loyalty.
Griffin, Jill
Direct Marketing, v59, n7, p50(4)
Nov, 1996
ISSN: 0012-3188   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3548   LINE COUNT: 00280

...   that have contributed to their success in building customer
loyalty. They leverage brand marketing by tagging their online capability
in all of their promotions including **direct** mail, **television** ads, print
media, etc. They maximize their use of **e** - **mail** for **order** confirmation
and customer communication. This has been key, Iucolano reports, because
customers really appreciate the fact that 'Someone actually got this order
and responded to...

     9/3,K/40   (Item 5 from file: 148)

09332306   SUPPLIER NUMBER: 19161280   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**The electronic classroom. (colleges and universities that offer classes or
  degree programs online)**
Velsmid, Debra A.
Link-Up, v14, n1, p32(2)
Jan-Feb, 1997
ISSN: 0739-988X   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 1612   LINE COUNT: 00144

...   the Web.
     Just starting out
     Vermont Technical College (http://www.vte.vsc.edu/) in Randolph
Center, Vermont, has used distance learning through courses taught via
interactive   television , but its Technical Communication course for the
spring 1997 semester is its first online course. This writing course is
designed to use **e** - **mail** for **instruction** , and students do research on
the Internet to complete their course work.
     Similarly, after piloting the online course Academic Research
Libraries, the University at Buffalo...

     9/3,K/41   (Item 6 from file: 148)

09209377   SUPPLIER NUMBER: 18986114   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Yellow section. (alphabetical listing of suppliers)(1997 Who Makes
   It)(Buyers Guide)
Home Improvement Market, v233, n12, p149(46)
Dec, 1996
DOCUMENT TYPE: Buyers Guide   ISSN: 0162-5896   LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 130799   LINE COUNT: 09524

...   518 370-5464, 800 836-4680, Fax: 518 393-5464, Contact: William
Venezio, Drop Ship: Yes, Co-ops Sold Through: Ace, Cotter. HWI, Servistar
      King **Refrigerator** Corp. 76 02 Woodhaven Blvd, Glendale, NY 11385,
718 897-2200, Fax: 718 830-9440. Contact: Sales Dept, Min. **Order** Req.:
$400.00, Drop Ship: Yes, Co-ops Sold Through: Ace, Cotter, HWI, Servistar
      King Safety Products, 3801 Lloyd King Dr, St Charles, MO 63304...

 9/3,K/42   (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

08982740   SUPPLIER NUMBER: 18660821   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Virtual taxation: electronic commerce poses problems for state tax
   collections. (includes related article on cybercash)(Electronic
   Communication and Networks)
Sharp, John
Government Finance Review, v12, n4, p36(3)
August, 1996
ISSN: 0883-7856   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2337   LINE COUNT: 00185

...ABSTRACT: the collection of sales and use taxes on good and services
sold through the Internet. The absence of corrective legislation for
interstate sales through the **Internet** , mail **order** and **television** will
make the collection of sales and use taxes inequitable. Local retailers
with a physical presence face a competitive disadvantage. Payment systems
need to be...
...   tax, which in Texas' case brings in more than half of the state's
total tax revenue. With rapid growth in interstate sales through the
Internet , mail **order** , and **television** , the collection of sales and use
taxes will become increasingly inequitable and unenforceable in the absence
of corrective legislation, according to the National Conference of...

 9/3,K/43   (Item 8 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

08633457   SUPPLIER NUMBER: 18238337   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Speech becomes a software add-on.(Emerging Markets: Annual Report)
   (Technology Information)
Weber, Sam
Electronic Engineering Times, n899, p58(3)
April 29, 1996
ISSN: 0192-1541   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2850   LINE COUNT: 00231

...   striving for speech-to-text capability-a sort of dictation
machine-as well as text-to-speech, which would enable callers to obtain
voice mail, **e** -mail and fax messages remotely via the telephone. And there
are **command** -and- **control** applications for consumer **appliances** and
industrial equipment.
      Varying accuracy
      The capabilities of today's speech-recognition systems range from
responding to discrete spoken words or numbers to continuous speech...

07468706   SUPPLIER NUMBER: 15542678   (USE FORMAT 7 OR 9 FOR FULL TEXT)
The case for E-mail. (sales management)(includes related article)
Trumfio, Ginger
Sales & Marketing Management, v146, n7, p94(4)
July, 1994
ISSN: 0163-7517   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1662   LINE COUNT: 00149

...   the accuracy of the information exchanged. The clients of Donovan
Data Systems advertising agencies and media rep firms--use its data
processing system to transmit **orders** to their customers-- **TV** and radio
stations. "Many times we found discrepancies when checking phone orders,"
says Kari Hawkins, vice president of the New York company. "When clients
use **e - mail** to place **orders** , there are no discrepancies, because
orders are written clearly and concisely on standardized forms attached to
the e-mail messages."
        * Improves productivity. The immediacy of e-mail boosts productivity.
For example...

06486407   SUPPLIER NUMBER: 13910428   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Hyatt President Hartley-Leonard turns gloomy on industry outlook. (Hyatt
  Hotels; Darryl Hartley-Leonard)**
Dorsey, Jennifer
Travel Weekly, v52, n45, p1(2)
June 10, 1993
ISSN: 0041-2082   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 698   LINE COUNT: 00055

...   at lobby kiosks that would issue a key when a guest swipes a credit
card through.
        New in-room services on the horizon include voice- **activated** alarm
clocks and television sets and the ability to **order** room service and
retrieve **electronic mail** from a television screen.
        And in about two years hotels will be able to combine caller
identification systems with guest histories so "we know who...

00850668
**777s to Spark Upgrades For Malaysian Airlines: 16-hr. delivery flight
    brings first of 15 Boeing 777sto flag carrier; aircraft introduces
    special business centers**
Aviation Week & Space Technology May 12, 1997; Pg 32; Vol. 146, No. 20
Journal Code: AW   ISSN: 0005-2175
Section Heading: AIR TRANSPORT
Dateline: KUALA LUMPUR
Word Count: 824   *Full text available in Formats 5, 7 and 9*

BYLINE:
GEOFFREY THOMAS

TEXT:
...Seats are equipped with individual telephones.
   Starting in October, the personal interactive systems will be able to
send faxes of up to 200 words and **order** flowers. By 1999, the airline

expects to introduce **e - mail** , Internet and **direct** broadcast **television** services.

Although the 777s are introducing some of the latest concepts in in-flight entertainment, MAS officials say they remain cautious about such features as...

9/3,K/47   (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01383379 00-34366
Exchange/RightFax/CallXpress3 solution
Brookshaw, Chip
InfoWorld v19n10 PP: 76 Mar 10, 1997
ISSN: 0199-6649 JRNL CODE: IFW
WORD COUNT: 880

...TEXT: in a future version but not in the imminent CallXpressNT.

Once retrieved from the CallXpress3 server, voice mail in the Exchange inbox is simply an **e - mail** with a .WAV file **attachment** . When you double-click the **e - mail** , a small **VCR** -like **control** panel (an applet in CallXpress3's client tool, Desktop Message Manager) opens to play the file. You can play messages through a PC's sound...

9/3,K/48   (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01135075 97-84469
Editorial
Hoke, Henry R Jr
Direct Marketing v58n8 PP: 80 Dec 1995
ISSN: 0012-3188 JRNL CODE: DIM
WORD COUNT: 934

...TEXT: Flow Chart: How 14 million businesses in the United States during 1994 generated some $14.8 trillion in sales. We talked about media--newspapers, magazines, **TV** , and **direct** mail, about the dollars spent in each for direct response advertising. We spent some time on the new medium, The Internet, where business is spending...

... Marketing Course for which they paid $5,200 plus expenses to earn their PDM certification. My task was to present, on video, the history of **interactive   TV** (produced by Hank Hoke), and to show them some of the exciting content already on the World Wide Web. I showed them the Home Page ...

... copy about their exotic-sounding California wines, about the company, and the people behind it. The content included four-color pictures, descriptions, prices, and an **order** form that we could **E - mail** to them. We looked at the Direct Marketing Club of Southern California's page on the Web (http://www.dmcsc.com). There you can find...

9/3,K/49   (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext

01089203   CMP ACCESSION NUMBER: EET19960429S0063
Speech becomes a software add-on
Sam Weber
ELECTRONIC ENGINEERING TIMES, 1996, n 899, PG58
PUBLICATION DATE: 960429
JOURNAL CODE: EET   LANGUAGE: English
RECORD TYPE: Fulltext

SECTION HEADING: EMERGING MARKETS: ANNUAL REPORT
WORD COUNT: 2210

...   striving for speech-to-text capability-a sort of dictation
machine-as well as text-to-speech, which would enable callers to obtain
voice mail, **e** -mail and fax messages remotely via the telephone. And
there are **command** -and- **control** applications for consumer **appliances**
and industrial equipment.
      Varying accuracy
      The capabilities of today's speech-recognition systems range from
responding to discrete spoken words or numbers to continuous speech...

 9/3,K/50   (Item 2 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2003 CMP Media, LLC. All rts. reserv.

00579397   CMP ACCESSION NUMBER: CRN19901105S1934
ComputerLand banks on high television rating with customers   (CORPORATE
CLOSEUP)
T.C. Doyle
COMPUTER RESELLER NEWS, 1990, n 393, 187
PUBLICATION DATE: 901105
JOURNAL CODE: CRN   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: User Market
WORD COUNT: 357

...   latest attempt by resellers to increase their influence with
customers.
      Several reseller organizations have already, or are about to,
install terminals at customer sites for **order** entry and **order** tracking
; customers with on-site terminals or **E** - **mail** connections to resellers
can avoid waiting on the phone while a salesperson checks the availability
of a part, for example. ComputerLand has connected clients to its **E** -mail
system, enabling users to track **orders** .
      But **television** is yet another a step, and buying satellite dishes
for customers could get expensive. Still, the reseller is up for the
challenge.
      "Time and again...

 9/3,K/51   (Item 1 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters
(c) 2003 The Dialog Corp. All rts. reserv.

00577961
 Microsoft launches set-top box allowing Internet access

Cable and Satellite Express
September 25,1997 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: CABLE SATELLITE AND TV NEWS
LANGUAGE: ENGLISH   WORD COUNT: 171   RECORD TYPE: FULLTEXT

TEXT:
...to send **e** - **mail** , **interact** with **TV** broadcasts or **order** services
...

 9/3,K/52   (Item 1 from file: 369)
DIALOG(R)File 369:New Scientist
(c) 2003 Reed Business Information Ltd. All rts. reserv.

00106404 14719973.400 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Get on the Net with teletext
MARKS, PAUL
New Scientist, vol. 147, no. 1997, p. Page 24
September 30, 1995

LANGUAGE: English RECORD TYPE: Fulltext DOC. TYPE: Journal
WORD COUNT: 502

   (USE FORMAT 7 OR 9 FOR FULLTEXT)
TEXT: ...TV set and a touch-tone phone to browse the World Wide Web and
send e-mail. The user dials up a computer at the **TV** station and enters
commands with the telephone keypad. The resulting **e - mail messages**
or Web information are then broadcast in teletext format and displayed on
the TV screen. The system gives access to the Internet without the need...

   9/3,K/53   (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1008598   PHTH002
**WorldGate Communications Announces Comcast Cable Communications Inc.,
    Cablevision Systems Corporation, Adelphia Communications Corporation,
    Charter Communications, and Telewest Communications Scotland To Trial
    Revolutionary TVOL(TM) Internet Access Service**

DATE: October 17, 1996   07:32 EDT   WORD COUNT: 776

...significant advertising revenue opportunity for
the cable operator."

    Channel Hyperlinking represents a paradigm shift within the
entertainment
industry, the first and only real application of **TV interactivity** . What
we
can foresee for the present: A broadcast describing a tornado on a news
program can be matched with a Web site providing complementary...

...the
ability to turn their fleeting 30-second ads into information-packed
presentations. Viewers with questions about the product can correspond with
the manufacturer via **E - mail** , or even **order** products on-line.

    The TVOL service will also provide access to the Community
Cyber-Center(TM). This will include a wide variety of community service...

26/3,K/1   (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

02122907   SUPPLIER NUMBER: 20022925   (USE FORMAT 7 OR 9 FOR FULL TEXT)
CURTIS MATHES SHOWS INTERACTIVE SET-TOPS.
Computergram International, n3302, pCGN12020020
Dec 2, 1997
ISSN: 0268-716X   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 144   LINE COUNT: 00015

TEXT:
        ...first time at Comdex last week. The UniView set-top products plug
into any standard TV and provide things like internet access, TV program
listings, **VCR** programming, parental **controls** , telephony, **email** , fax,
and caller ID. The products use the Advanced RISC Machines processor
originally developed by Acorn Computer Group Plc. Acorn has also licensed
its TVCentric...

26/3,K/2   (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

02071400   SUPPLIER NUMBER: 18916975   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Wireless: ARDIS announces immediate availability of wireless messaging
    applications for Windows CE platform. (RadioMail, Mail on the Run! and
    IntegraNet Mobility Services available for Microsoft system)(Product
    Announcement)**
EDGE: Work-Group Computing Report, v7, p41(1)
Nov 25, 1996
DOCUMENT TYPE: Product Announcement   LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 594   LINE COUNT: 00054

...   nationwide mobile solutions."
    "We are excited that ARDIS has delivered on its commitment to
developing applications for the Windows CE platform with the delivery of
electronic   mail and two-way messaging applications," said Jon Magill,
director of marketing, consumer **appliances** group at Microsoft. "With
industry support from companies like ARDIS, the Windows CE platform will
allow handheld computing to expand to its full potential."
    ARDIS...

26/3,K/3   (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01997433   SUPPLIER NUMBER: 18734398   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Suppliers unveil future IT visions. (computer hardware and software company
    CEOs attend European IT Forum) (Industry Trend or Event)**
Green-Armytage, Jonathan
Computer Weekly, p20(1)
Sep 26, 1996
ISSN: 0010-4787   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 896   LINE COUNT: 00072

...   and what Compaq chief executive Eckhard Pfeiffer called
"intelligent furniture". All will be linked by a home network so: "The
kitchen will be good for **E - mail** , Web shopping and **appliance   control**
while the living room will have the entertainment."
    Such diversity cannot be embraced by a single device known as an NC.
And there is similar...

26/3,K/4   (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01992779   SUPPLIER NUMBER: 18711475   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Letters.(Letter to the Editor)
Computer Life, v3, n10, p22(4)
Oct, 1996
DOCUMENT TYPE: Letter to the Editor   ISSN: 1076-9862   LANGUAGE:
   English   RECORD TYPE: Fulltext
WORD COUNT: 1826   LINE COUNT: 00135

...   probably by local area network. And what about the master bedroom?
I would definitely have a computer installed there, for late-night Web
surfing and **controlling** the security system, lights, and **appliances** .
     Nice start, but keep going.
     Beth Bardot via **e - mail**
     ComputerLife's home of the future in Chino Hills, California, is
networked. The story didn't contain information about the network because
of space constraints...

  26/3,K/5   (Item 5 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01942985   SUPPLIER NUMBER: 18345966   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**NC sparks computer appliances. (Oracle's Network Computer reference
   platform) (Technology Information)**
Bournellis, Cynthia
Electronic News (1991), v42, n2118, p1(3)
May 27, 1996
ISSN: 1061-6624   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1890   LINE COUNT: 00151

...   Zenith Electronics Corp. Zenith will ship a line of interactive
televisions later this year called NetVision, which will be capable of
browsing the Web, accessing **E - mail** and providing capability of Java
terminal applications.
     These **appliances** , regardless of which **operating** system they
support, are spawning two new areas of opportunities for semiconductor
companies. First, there's room for new architectures. Companies such as Sun
Microelectronics...

  26/3,K/6   (Item 6 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01633465   SUPPLIER NUMBER: 15020094   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Taking the highway. (Canada's proposed electronic highway) (Platform)
   (Column)**
Smith, Doug
Computing Canada, v19, n26, p9(1)
Dec 20, 1993
DOCUMENT TYPE: Column   ISSN: 0319-0161   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 752   LINE COUNT: 00054

...   all common media including phone, cable, network, wireless or even
stored on CD-ROM.
     It will then be possible, ultimately, to watch TV on your **computer** ,
display **messages** on your radio or program your **VCR** to **run** under a
Windows interface.
     On example of a potential product that was conceived by the
Knight-Ridder Information Design Lab in Boulder, Col., is an...

  26/3,K/7   (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

01589083   Supplier Number: 48130503   (USE FORMAT 7 FOR FULLTEXT)
**Curtis Mathes Displays Leading-Edge Convergence Technologies for the Home
  at COMDEX.**
Business Wire, p11180144
Nov 18, 1997
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 653

...   of only two set-top boxes actually sold in today's retail
marketplace. In addition to surfing the Net, users can talk on the
telephone, **e - mail** and fax, access TV program guides and parental
control features, and program their **VCRs** . Home shopping is easier via
uniView's credit card reader that, with one swipe, automatically sends
encrypted credit card information for purchases. And, uniView also...

   26/3,K/8   (Item 2 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

01578284   Supplier Number: 48039889   (USE FORMAT 7 FOR FULLTEXT)
**Curtis Mathes Adds Value America as a Nationwide Electronic Retail Outlet
  for uniView.**
Business Wire, p10091198
Oct 9, 1997
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 549

...   truly multimedia experience for shoppers.
     In addition to shopping on the Internet, uniView customers can also
talk on the phone, send and receive faxes and **e - mails** , conduct on-line
banking, access TV program guides and parental **control** features, and
program their **VCRs** . Additional uniView features that leapfrog the
competition include caller ID capabilities, an organizer for storing names,
addresses, phone, fax, e-mails and URLs, plus the...

   26/3,K/9   (Item 3 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

01568160   Supplier Number: 47958899   (USE FORMAT 7 FOR FULLTEXT)
**Curtis Mathes/Davis Co-Branding Alliance Delivers Cutting-Edge Projection
  TV Featuring DLP Technology to Consumers; Powerscreen alliance brings
  future of convergence to home theaters.**
Business Wire, p9051016
Sept 5, 1997
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 739

...   that leapfrogs the mere web offerings of the competition. With
uniView, users can surf the net, talk on the phone, send and receive faxes
and **e - mails** , access TV program guides and parental **control** features,
and program their **VCRs** .
     Home shopping via uniView is easier via a credit card reader that,
with one swipe, automatically sends encrypted credit card information for
purchases. Fully secured...

   26/3,K/10   (Item 4 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

`01561631`   Supplier Number: 47913908   (USE FORMAT 7 FOR FULLTEXT)
Curtis Mathes Links With Security First Network Bank to Provide Convenient
  Home Banking For uniView Users.
Business Wire, p8180111
August 18, 1997
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 736

...   distribution channel," he added.
     With the Curtis Mathes uniView and a standard television, users can
easily surf the net, talk on the phone, fax and **e - mail** , access TV
listings and parental **control** features, and program **VCRs** . A printer
port allows for printing information from Internet searches, faxes and
e-mails. And, a credit card reader can automatically send encrypted credit
card...

  26/3,K/11   (Item 5 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2003 The Gale Group. All rts. reserv.

`01554018`   Supplier Number: 47861403   (USE FORMAT 7 FOR FULLTEXT)
uniView Continues to Lead the Future of Television Technology; Curtis
  Mathes Alliance CrystalGate Works Brings Java to uniView.
Business Wire, p07280195
July 28, 1997
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 688

...   leapfrogs the mere web access offerings of the competition. With
uniView, users can surf the Internet, talk on the phone, send and receive
faxes and **e - mails** , access TV program guides and execute parental
control features, and program their **VCRs** . Seamless Internet access is
provided through Curtis Mathes Xpressway(TM), the company's proprietary
Internet access and on-line network.
     "This agreement sets the stage...

  26/3,K/12   (Item 6 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2003 The Gale Group. All rts. reserv.

`01554017`   Supplier Number: 47861402   (USE FORMAT 7 FOR FULLTEXT)
uniView Continues to Lead the Future of Television Technology; Curtis
  Mathes Alliance CrystalGate Brings Java to uniView.
Business Wire, p07280344
July 28, 1997
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 688

...   leapfrogs the mere web access offerings of the competition. With
uniView, users can surf the Internet, talk on the phone, send and receive
faxes and **e - mails** , access TV program guides and execute parental
control features, and program their **VCRs** . Seamless Internet access is
provided through Curtis Mathes Xpressway(TM), the company's proprietary
Internet access and on-line network.
     "This agreement sets the stage...

  26/3,K/13   (Item 7 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2003 The Gale Group. All rts. reserv.

`01542612`   Supplier Number: 47459998   (USE FORMAT 7 FOR FULLTEXT)
Unlicensed Microwave LAN to link Sunrayce '97 Mobile Internet Cafe users to

Information Highway; Will allow solar-powered car competition's
participants and spectators to access the Internet for latest race news.
Business Wire, p06120147
June 12, 1997
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 552

...   enthusiasts around the world to obtain current information about
Sunrayce '97. Visitors to the Mobile Internet Cafe will also be able to
send and receive e - mail   messages .
     The only 10 Mbps microwave radio system capable of operating in
the unlicensed 24.0 to 24.25 GHz Industrial, Scientific and Medical (ISM)
frequency band, the FASTWAVE 990 microwave link can be relocated each...

  26/3,K/14   (Item 8 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2003 The Gale Group. All rts. reserv.

01533347   Supplier Number: 47381045   (USE FORMAT 7 FOR FULLTEXT)
**Beyond surfing the Web: uniView delivers unprecedented combination of
information, communication and entertainment options via TV.**
Business Wire, p05131147
May 13, 1997
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 780

...   web offerings of the competition. With uniView, users can not only
surf the net, but also talk on the phone, send and receive faxes and e -
mails , access TV program guides and parental control features, and
program their VCRs . Another unmatched feature is the unit's printer port
for printing Internet searches, faxes and e-mails. And, home shopping just
became easier via a...

  26/3,K/15   (Item 9 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2003 The Gale Group. All rts. reserv.

01508883   Supplier Number: 47239508   (USE FORMAT 7 FOR FULLTEXT)
**THINK New Ideas, Inc. tapped for $1,000,000 interactive project account
with Curtis Mathes Holding Corporation.**
Business Wire, p03251027
March 25, 1997
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 545

...   site presence for both the UniView and Xpressway.
     Accessed through their home television, the UniView system (the set
top box) provides consumers with Internet access, e - mail , fax
capabilities, up-to-date television listings with automated VCR
programming and parental control features. In addition, the specially
designed television box comes equipped with a full duplex speakerphone, a
built in credit card reader and the Curtis Mathes...

  26/3,K/16   (Item 10 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2003 The Gale Group. All rts. reserv.

01472619   Supplier Number: 47023772   (USE FORMAT 7 FOR FULLTEXT)
**Curtis Mathes uniView Products To Incorporate Acorn TV Centric/ARM
Technology.**
Business Wire, p1091094
Jan 9, 1997

...   Mathes' uniView set-top products plug into any standard TV and
provide consumers with a host of useful features, including Internet
access, TV program listing, **VCR** programming, parental **controls** ,
telephony, **e** - **mail** , fax and caller ID, among others. Initial set-top
versions will retail for less than $400, uniView devices will also be
integrated into a line...

26/3,K/17   (Item 11 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

01454751   Supplier Number: 46892272   (USE FORMAT 7 FOR FULLTEXT)
NetTV, Leading Convergence Company Showcases New Products.
Business Wire, p11150199
Nov 15, 1996

...   99.
    NetTV ONE another new product, delivers real consumer value. The ONE
is a full-featured multimedia PC with an integrated 17" SVGA monitor with
stereo speakers. ONE delivers remote- **controlled** , cable-ready TV and FM
stereo , consumers can plug-n-play video game systems, send **e** - **mail** ,
surf the Net and easily move it from room to room with an SRP of $1,799.
    NetTV's exciting convergence products have broad application...

26/3,K/18   (Item 12 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

01392170   Supplier Number: 46456913   (USE FORMAT 7 FOR FULLTEXT)
CURTIS MATHES ADDS PREMIUM LINE OF UNIVIEW(TM) WITH A 28.8 BPS MODEM
PR Newswire, p610LAM019
June 10, 1996

...   All Curtis Mathes TV sets and set-tops equipped with UniView(TM)
can be used to access the Internet, and all have built-in fax, **e** - **mail** ,
conference phone, on screen caller ID, automated **VCR** **control** and
various interactive television capabilities.
    "We had a fantastic reception at the recent Consumer Electronics Show
(CES) in Orlando," said Patrick A. Custer, CEO of...

26/3,K/19   (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

03245320   Supplier Number: 46657092   (USE FORMAT 7 FOR FULLTEXT)
**COMPAQ: New Compaq Presario delivers enjoyable multimedia to Europe, Middle
    East and Africa**
M2 Presswire, pN/A
August 27, 1996

...   outgoing calls.
    sleep mode -- turns the PC to standby mode, saving electricity; in

this state, the PC is still able to take phone, fax and **email** messages.
     CD player -- these four buttons look and **operate** like normal CD
stereo control buttons, providing play, fast forward, reverse and pause
functions.
     Help -- the SmartQ button returns the computer to the Home Base screen
and help area. From...

 26/3,K/20   (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

02972172   Supplier Number: 46055257 (USE FORMAT 7 FOR FULLTEXT)
CONTRACT BITS:TRT SIGNS OIL NETWORK CONTRACT
Telecomworldwire, pN/A
Jan 10, 1996
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 88

...   for the BP Forties offshoot oil field near Aberdeen, UK. The system
connects all of the Forties oil platforms together in a virtual LAN with **e
- mail** services being provided over the **microwave** link. The system
operates in the 30GHz band with traffic links of 4x2Gbit/s providing
service. Terms were not revealed.
     COPYRIGHT 1996 M2 Communications

 26/3,K/21   (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

09187523   Supplier Number: 55981033 (USE FORMAT 7 FOR FULLTEXT)
COMPANY PROFILES.
Convenience Store News, v33, n10, p115
August 1, 1997
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 53726

...   Mgr.
     Product Lines & Products:
     BAKERY

     BIZWARE COMPUTER SYSTEMS
     8250 Decarie Blvd., Suite 110, Montreal,
     Que. H4P 2P5 Can.
     (800) 665-0718 / Fax: (514) 341-8999
      E - **Mail** : jamesbe@total.net
     Contact(s): James Bennett; Mkt.
     Product Lines & Products:
     COMPUTER/INFORMATION SERVICES;
     HARDWARE/SOFTWARE EQUIPMENT
     SERVICES
       Software
       POS
       Scanning/UPC Systems
       Inventory Controls...772-8920 / Fax: (205) 772-8590
     Contact(s): Philip R. Moore; Pres.
     Product Lines & Products:
     COMPUTER/INFORMATION SERVICES;
     HARDWARE/SOFTWARE EQUIPMENT
     SERVICES
       Software
       POS
       Inventory **Controls** /Software

     FISH **OVEN** & EQUIPMENT CORP.

```
       120 W. Kent Ave., P.O. Box 875,
       Wauconda, IL 60084
       (708) 526-8686 / Fax: (708) 526-7447
       Contact(s): James M. Campbell...
```

26/3,K/22   (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

07358159   Supplier Number: 59035819 (USE FORMAT 7 FOR FULLTEXT)
1997 New Product Supplement.
Appliance, v54, n12, p93
Dec, 1997
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 17159

...   information call: Crouzet Appliance Controls, Les petit champs,
26120 Motelier, France; Tel: (33) 04 75 59 46 00; Fax: (33) 04 75 59 46 20;
 Email : crouzet@wms-city.com.
       Crouzet **Appliance   Controls**
       Circle No. 464 on Reader Service Card
       Hinge Assemblies
       E.R. Wagner-Hinges & Stampings Division specializes in designing and
manufacturing custom hinge assemblies for microwaves...

26/3,K/23   (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

05204189   Supplier Number: 47939497
Daewoo tips 10pc of whitegoods market by 2001
Australian, p21
August 29, 1997
Language: English   Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...market in Australia. The 3 heavyweights in the market, namely Email,
Southcorp and Fisher & Payke, are likely to be shaken by Daewoo's entry.
Individually, **Email** 's **control** of half of the **refrigerator** market in
Australia, is at stake. This is because Daewoo's strength lies in this area
and it has registered a patent for its "multi...

26/3,K/24   (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

05080964   Supplier Number: 47458746
Email whitegoods surge ahead of rival
Australian Financial Review, p25
June 11, 1997
Language: English   Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...3 mn in 1995-96. The impressive performance surprised analysts who
made the forecasts of AU$ 20 mn to AU$ 22 mn.   As a result, **Email**
controls 40% of the **appliances** market while F&P (its closest
competitor) holds 22%.   **Email** attributed its success to 3 reasons.
First, two of its most expensive fridges, the brands of Westinghouse Q
series and Kelvinator, are highly demanded by...

...the dishwasher market.   However, more intense competition in the
refrigeration market is approaching. This is because F&P has recently

launched a fridge similar to **Email** 's Westinghouse Q series fuzzy-logic **controlled fridge** . Southcorp's Hoover division is very close to being forced out of competition as its pricing strategies are relatively weak.
. . .

26/3,K/25   (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

05037020   Supplier Number: 47394900 (USE FORMAT 7 FOR FULLTEXT)
Diba's New Internet TV Set-Top Device Ready
Bournellis, Cynthia
Electronic News (1991), p45
May 19, 1997
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 508

...   UniView set-top box gives television viewers the power to not only surf the Internet but talk on the phone, send and receive faxes and **E - mails** , access TV program guides and parental **control** features, program their **VCRs** , print data and shop home via a credit card reader that automatically sends encrypted credit card information for purchases.
     A unique feature of UniView is...

26/3,K/26   (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

05036131   Supplier Number: 47393899
Curtis Mathes enters Internet-access arena.
Barthold, Jim
Cable World, p37
May 19, 1997
Language: English   Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...UniView television set-top box, allowing users to surf the Internet, talk on the phone via a full duplex speakerphone, send and receive faxes and **E - mail** , access television program guides and parental **control** features, and program **VCRs** , all through their television sets. The unit costs $399 retail. The new Internet service is called Curtis Mathes Xpressway and costs $19.95 per month...

26/3,K/27   (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04470015   Supplier Number: 46562022 (USE FORMAT 7 FOR FULLTEXT)
SmartAssist automates workflow; no programming
InfoWorld, p100
July 22, 1996
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 520

...   a file, perform formatting, mail the file, and then archive a copy. After SmartAssist records a sequence of events, you go through the process with **VCR** -style **controls** to verify proper **operation** or interactively customize activities.
     For instance, after I picked the **e - mail** step, SmartAssist automatically displayed my Microsoft Exchange e-mail directory so I could select the desired recipients. Similarly, tailored access to the World Wide Web...

26/3,K/28   (Item 8 from file: 16)

04372946   Supplier Number: 46413248   (USE FORMAT 7 FOR FULLTEXT)
NC Sparks Computer Appliances
Electronic News (1991), p001
May 27, 1996
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1745

...   Zenith Electronics Corp. Zenith will ship a line of interactive
televisions later this year called NetVision, which will be capable of
browsing the Web, accessing **E - mail** and providing capability of Java
terminal applications.
     These **appliances** , regardless of which **operating** system they
support, are spawning two new areas of opportunities for semiconductor
companies. First, there's room for new architectures. Companies such as Sun
Microelectronics...

26/3,K/29   (Item 9 from file: 16)

04118623   Supplier Number: 46009655   (USE FORMAT 7 FOR FULLTEXT)
Attack Of The $500 Killer Network Computers
Network Computing, p42
Dec 15, 1995
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1167

...   Java. Eric Schmidt, Sun's chief technology officer, says the box
won't necessarily have a traditional monitor. "These devices may well begin
as dedicated **appliances** for such functions as inventory **control** and
simple **e - mail** and evolve into more complicated notebook-like devices,"
he says.
     Nathan Myhrvold, Microsoft's unofficial technology strategist and
co-group vice president for applications and...

26/3,K/30   (Item 10 from file: 16)

02597018   Supplier Number: 43450547
Email - Company Report
Investext, p1-2
Nov 13, 1992
Language: English   Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
MCINTOSH & COMPANY report by Hopkins R.
Email is concentrating its overseas expansion in Asia. The company is
returning to its multi-branding and **direct** marketing approach.
Refrigerator sales are down 6% for 1992 to date, although **Email** has
maintained market share at about 55%. Volumes improved marginally in
October and early November. Email has been losing washing machine market to
imports, particularly...

26/3,K/31   (Item 1 from file: 160)

00787767
Predicasts M438 - Voice Input/Output
Voice Input/Output Market Report M438   April, 1982   p. 1-682

     Market   Report   Table   of   Contents   continued   Section   IV: End-Use
Applications General Office Automation General Word Processing
 Electronic   Mail
Banking & Finance Transportation Automobiles Air Traffic
 Control   Consu
mer   Products
 Appliances
Electronics Toys & Games Home Computers Aids to the Handicapped Aids to the
Blind   Other   Aids   Other   Applications   Language   Translators   Telephones
Education Miscellaneous
. . .

 26/3,K/32   (Item 2 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

00455461
 Integrated video terminals (IVT) will be a billion dollar market before
     1988, according to International Resource Development Inc (New Canaan,
     Conn), and will have an even greater impact on housing patterns,
     manners & morals and the economy in general than did the automobile,
     television and the national highway system.
Photo Marketing   October, 1978   p. 74

     ... and   view   them   at one's convenience. IVT will be the primary home
tool for entertainment, publishing access, home environment scheduling,
payment of bills, home **appliance   control** , self-education and
correspondence via **electronic   mail** . Market leaders will be vertically
integrated firms · with solid state computer and consumer manufacturing and
sales experience.
. . .

 26/3,K/33   (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

10157340   SUPPLIER NUMBER: 20038521   (USE FORMAT 7 OR 9 FOR FULL TEXT)
What if...? What if some of the trends touted in the media came true during
   the next few decades? Here's American Demographics' contribution to
   millennial hype.
Crispell, Diane; Dortch, Shannon; Edmondson, Brad; Kate, Nancy Ten;
Crispell, Diane; Klein, Matthew; Cravatta, Matthew
American Demographics, v19, n12, p39(8)
Dec, 1997
ISSN: 0163-4089   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 5696   LINE COUNT: 00443

...   relationships Americans already have with home electronics. On the
high end, full-strength PCs are designed to be the heart of the
home-entertainment system, **controlling** televisions and **stereos** , and
adding **e - mail** and browsing capabilities to the mix. For those without
the means or desire to own a PC, Gates suggests a TV-set-top box connected
. . .

 26/3,K/34   (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

10155759   SUPPLIER NUMBER: 19906646   (USE FORMAT 7 OR 9 FOR FULL TEXT)

Do-it-yourself training. (nine CD-ROM training tools) (includes related
   articles on recommended products, other CD-ROM training titles and
   training on the Web)(Buyers Guide)
English, David
PC World, v15, n11, p229(7)
Nov, 1997
DOCUMENT TYPE: Buyers Guide   ISSN: 0737-8939   LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 4037   LINE COUNT: 00312

...   Navigator. The nine les- sons in this CD-ROM ($39.95 list) include
instructions on browsing, searching, creating and managing bookmarks,
downloading files, and managing **e - mail** . **VCR** -style **controls** let you
adjust the audio, but working with the tutor while connected to the real
Internet can be quirky. Grade: C; Personal Training Systems; 800...

 26/3,K/35   (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

09491724   SUPPLIER NUMBER: 19424619   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Curtis Mathes announces retail distribution agreements for uniView.
Business Wire, p5151085
May 15, 1997
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 396   LINE COUNT: 00039

...   entertainment to the home via the television.
     With uniView and a standard television, users can easily surf the
net, talk on the phone, fax and **e - mail** , access TV listings and parental
 control features, and program **VCRs** . A printer port allows for printing
information from Internet searches, faxes and e-mails. And, a credit card
reader can automatically send encrypted credit card...

 26/3,K/36   (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

09305663   SUPPLIER NUMBER: 19080789   (USE FORMAT 7 OR 9 FOR FULL TEXT)
E-mail and website addresses. (heating, ventilation, and air conditioning
   industry)(Directory)
Air Conditioning, Heating & Refrigeration News, v200, n4, p77(3)
Jan 27, 1997
DOCUMENT TYPE: Directory   ISSN: 0002-2276   LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1626   LINE COUNT: 00249

...   dehumidicorp
     Delta Cooling Towers
     E-mail: deltacooling@worldnet.att.net
     Website: http://www.deltacooling.com
     Dunham-Bush Inc.
     Website:
     http://www.dunhambush.com
     Eaton Corp., **Appliance**
     and Specialty **Controls**
      E - mail : kcheshir@vines.etn.com
     EBAC Dehumidifiers
     Website: http://www.ebac.co.uk
     Edentek Group
     E-mail: edentekgroup@msn.com
     Edwards Engineering Corp.
     Website:
     http://www...

26/3,K/37   (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

08828386   SUPPLIER NUMBER: 18505966   (USE FORMAT 7 OR 9 FOR FULL TEXT)
SmartAssist automates workflow; no programming. (Siemens Nixdorf
   Informationssysteme AG's checklist automation utility for Windows)
   (Software Review)(Evaluation)
Heck, Mike
InfoWorld, v18, n30, p100(1)
July 22, 1996
DOCUMENT TYPE: Evaluation   ISSN: 0199-6649   LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 543   LINE COUNT: 00050

...   a file, perform formatting, mail the file, and then archive a copy.
After SmartAssist records a sequence of events, you go through the process
with **VCR** -style **controls** to verify proper **operation** or interactively
customize activities.
      For instance, after I picked the **e - mail** step, SmartAssist
automatically displayed my Microsoft Exchange e-mail directory so I could
select the desired recipients. Similarly, tailored access to the World Wide
Web...

26/3,K/38   (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

07615349   SUPPLIER NUMBER: 16348677   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Groupe Videotron set to offer home services through coaxial cable. (The
   Year in Review: 1994)
Dougherty, Kevin
Financial Post, p13(1)
Dec 24, 1994
ISSN: 0015-2021   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 513   LINE COUNT: 00042

...   satisfy the service providers."
      Groupe Videotron's pilot project, which should be running by next
autumn in Quebec's Saguenay region, will offer home banking, **electronic**
mail , classified ads, gambling and remote **thermostat   control** on top of
its regular cable TV service.
      Groupe Videotron has 20% of UBI, with its Videoway subsidiary holding
another 10%. Videoway pioneered interactive television...

26/3,K/39   (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

07265608   SUPPLIER NUMBER: 15475443   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Advancing telecommunications technologies for the 21st century. (Research
   Currents)
Lockett, Donald R.
Journal of Advertising Research, v34, n2, pRC-7(6)
March-April, 1994
ISSN: 0021-8499   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 7503   LINE COUNT: 00668

...   home. These services could include standard and high-quality phone
service, computer database interface, NTSC and HDTV video, video telephone,
utility meter reading, home security, **electronic   mail** , catalogs, and
control of **appliances** .
      The telephone companies intend to penetrate the consumer market with
fiber and ISDN. Broadband ISDN (BISDN) provides the digital protocol needed
to format various consumer...

26/3,K/40   (Item 8 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

04130647   SUPPLIER NUMBER: 08081935   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Couch potatoes! Now it's smart TV.
Schlender, Brenton R.
Fortune, v120, n12, p111(5)
Nov 20, 1989
ISSN: 0015-8259   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 2883   LINE COUNT: 00225

26/3,K/41   (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01544258 01-95246
What if ... everyone was wired?
Klein, Matthew
American Demographics v19n12 PP: 43 Dec 1997
ISSN: 0163-4089 JRNL CODE: ADE
WORD COUNT: 363

...TEXT: relationships Americans already have with home electronics. On the
high   end,   full-strength PCs   are   designed   to   be   the   heart   of   the
home-entertainment   system,   **controlling**   televisions   and   **stereos** ,   and
adding   **e - mail**   and browsing capabilities to the mix. For those without
the   means   or desire to own a PC, Gates suggests a TV-settop box connected
to...

26/3,K/42   (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01415495 00066482
The Internet: Tool or toy?
Bardes, David; Harris, Andrew
Life Association News v92n4 PP: 100-104 Apr 1997
ISSN: 0024-3078 JRNL CODE: LAN
WORD COUNT: 1101

...TEXT: to   promote   it.   In addition to printing the web site address on
your   business   card,   you   should use every other marketing weapon in your
arsenal: **direct**   mail, newsletters,   **e - mail** ,   advertising,   **refrigerator**
 magnets,   alumni and club rosters, synagogue and church membership, Yellow
Pages,   proposals,   policies   and   other   marketing   practices you've found
successful.

When prospects visit your...

26/3,K/43   (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01359196 00-10183
Happy new Internet year
Morley, Dick
Manufacturing Systems v15n1 PP: 88 Jan 1997
ISSN: 0748-948X JRNL CODE: MFS
WORD COUNT: 362

...TEXT: never calculate the lunch tip on my laptop

never answer e-mail before coffee

never roll my eyes on hearing that someone doesn't have **e - mail**

never turn repairing household **appliances** into a **control** systems project

have dinner at home at least once a month

take clothes on trips

stay the Alpha Geek
Author Affiliation:

Dick Morley can be...

 26/3,K/44   (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01291740 99-41136
Microsoft joins PDA market
Blodgett, Mindy
Computerworld v30n38 PP: 2 Sep 16, 1996
ISSN: 0010-4841 JRNL CODE: COW
WORD COUNT: 193

...TEXT: to run on handheld computers and personal digital assistants (PDA). Windows CE will also work with devices such as smart phones and pagers.

Jon Magill, **director** of Microsoft consumer **appliance** marketing, said Windows CE will offer wireless **electronic mail** , Internet access and data synchronization and communication with other Windows 95 and Windows NT devices.

The PDA market needs Microsoft's presence. Only 480,000...

 26/3,K/45   (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2003 CMP Media, LLC. All rts. reserv.

01143120   CMP ACCESSION NUMBER: WIN19971101S0126
PC: Talk to Me! - Voice recognition is starting to make some noise.
John Woram
WINDOWS MAGAZINE, 1997, n 811, PG208
PUBLICATION DATE: 971101
JOURNAL CODE: WIN   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Feature
WORD COUNT: 4622

...   the desk lamp 25 percent." A new standalone program aptly named HAL2000, from Home Automated Living, similarly gives any Win95 PC user the ability to **control appliances** by speaking, and to hear **e - mail messages** and Internet-accessed information such as stock quotes.
     Apps Speak Up
     Software vendors are also starting to integrate speech in their products. Lotus SmartSuite 98...

 26/3,K/46   (Item 2 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2003 CMP Media, LLC. All rts. reserv.

01075721   CMP ACCESSION NUMBER: NWC19951215S0026
Attack Of The $500 Killer Network Computers (Background news analysis)

Christine Hudgins-Bonafield
NETWORK COMPUTING, 1995, n 616, PG42
PUBLICATION DATE: 951215
JOURNAL CODE: NWC   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: H Report-Context
WORD COUNT: 1168

...   Java. Eric Schmidt, Sun's chief technology officer, says the box
won't necessarily have a traditional monitor. "These devices may well
begin as dedicated **appliances** for such functions as inventory **control**
and simple **e - mail** and evolve into more complicated notebook-like
devices," he says.
      Nathan Myhrvold, Microsoft's unofficial technology strategist and
co-group vice president for applications and...

 26/3,K/47   (Item 1 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
(c) 2003 IDG Communications. All rts. reserv.

 054662
Microsoft joins PDA market
43
Microsoft joins PDA market
Byline: Mindy Blodgett
Journal: Computerworld   Page Number: 2
Publication Date: September 16, 1996
Word Count: 195   Line Count: 19

Text:
... to run on handheld computers and personal digital assistants (PDA).
Windows CE will also work with devices such as smart phones and pagers.
      Jon Magill, **director** of Microsoft consumer **appliance** marketing,
said Windows CE will offer wireless **electronic**   **mail** , Internet access
and data synchronization and communication with other Windows 95 and
Windows NTdevices.
      The PDA market needs Microsoft's presence. Only 480,000 handhelds...

 26/3,K/48   (Item 1 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters
(c) 2003 The Dialog Corp. All rts. reserv.

00561250
SALUTATION CONSORTIUM AND H-P TO COLLABORATE ON JetSend
Electronic Mail & Messaging Systems
August 25,1997   VOL: 21 ISSUE: 17 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: BRP PUBLICATIONS
LANGUAGE: ENGLISH   WORD COUNT: 1251   RECORD TYPE: FULLTEXT

      (c) BRP PUBLICATIONS All Rts. Reserv.

TEXT:
...H-P is the market leader in printers, and in fact the JetSend effort
comes from the H-P Information **Appliance** **Operation** . H-P also is a
player in the **e - mail** and directory markets, but JetSend is aimed at a
very low-level communication between devices that does not rely on a
directory-centric approach. JetSend...

 26/3,K/49   (Item 2 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters
(c) 2003 The Dialog Corp. All rts. reserv.

00513825
 Court Remands Qualcomm PCS `Preference' Case
Telecommunications Reports

TEXT:
...investment in-Unwired Planet, Inc. Qualcomm will incorporate into its
digital phone products Unwired Planet's UP.Link, a software platform for
Internet applications that **run** on "wireless Internet **appliances** ." The
platform allows **electronic   mail** , corporate telephone directories, stock
quotations, and fax-on-demand services to be made available to users of
wireless phones and paging devices. Unwired Planet's...

 26/3,K/50   (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire

0752552   BW1167

**CURTIS MATHES HOLDING: Consumers Now Able to Purchase uniView Via the
    Internet; Curtis Mathes Product Demand Drives Sales on the World Wide
    Web**

October 01, 1997

Byline: Business Editors

     ...web offerings of
the competition. With uniView, users can not only surf the net, but
also talk on the phone, send and receive faxes and **e - mails** , conduct
on-line banking, access TV program guides and parental **control**
features, and program their **VCRs** . Another unmatched feature is the
unit's printer port for printing Internet searches, faxes and
e-mails. And, home shopping just became easier via a...

 26/3,K/51   (Item 2 from file: 810)
DIALOG(R)File 810:Business Wire

0646304   BW0255

CYBERGUARD 2: CyberGuard Corp. names IBM to Platform Validation Program

November 18, 1996

Byline: Business Editors

     ...nationwide mobile solutions."
     "We are excited that ARDIS has delivered on its commitment to
developing applications for the Windows CE platform with the delivery
of **electronic   mail** and two-way messaging applications," said Jon
Magill, **director** of marketing, consumer **appliances** group at
Microsoft. "With industry support from companies like ARDIS, the
Windows CE platform will allow handheld computing to expand to its
full potential."

Set	Items	Description
S1	98717	(E OR ELECTRONIC OR COMPUTER? OR INTERNET OR ONLINE OR ON(-)LINE)(1W)(MAIL??? OR MESSAG???) OR EMAIL??? OR INSTANT()(MESSAG??? OR MESSENGER? ?)
S2	1332670	APPLIANCE? ? OR VCR? ? OR RECORDER? ? OR THERMOSTAT? ? OR FRIDGE? ? OR REFRIGERATOR? ? OR STEREO? ? OR MICROWAVE? ? OR OVEN? ? OR TV OR TELEVISION? ?
S3	83034	S2(5N)(CONTROL? OR MANAG? OR MANIPULAT? OR DIRECT? OR RUN????? OR OPERAT??? OR INSTRUCT???? OR COMMAND??? OR ORDER??? OR ACTIVAT? OR INVOK?)
S4	8220524	DEVICE? ? OR MACHINE?? OR HARDWARE OR APPARATUS?? OR EQUIPMENT OR MECHANISM? ?
S5	985898	S4(5N)(CONTROL? OR MANAG? OR MANIPULAT? OR INTERACT? OR DIRECT? OR RUN???? OR (TURN??? OR SWITCH???)(3W)(ON OR OFF) OR OPERAT??? OR INSTRUCT???? OR COMMAND??? OR ORDER??? OR ACTIVAT? OR INVOK?)
S6	2573	S1(10N)(INSTRUCTION? ? OR COMMAND? ? OR ORDER? ? OR ATTACHMENT? ? OR ACTIVEX OR ACTIVE()X)
S7	366	S1 AND S3
S8	26	S7 AND S6
S9	85	S3(10N)S1
S10	94	S8:S9
S11	90	RD (unique items)
S12	33	S10 NOT PY=1998:2003
S13	1980	S5 AND S1
S14	388	S5(10N)S1
S15	101	S13 AND S6
S16	231	S14 NOT PY=1998:2003
S17	4	S16 AND S2
S18	98	RD S15 (unique items)
S19	52	S18 NOT (PY=1998:2003 OR S12)

```
S20     40946   REMOT?()CONTROL?
S21        86   S1 AND S2 AND S20
S22        78   RD (unique items)
S23        19   S22 NOT (PY=1998:2003 OR S12 OR S19)
S24     36517   (APPLIANCE? ? OR VCR? ? OR VIDEO(1W)RECORDER? ? OR THERMOS-
                TAT? ? OR FRIDGE? ? OR REFRIGERATOR? ? OR STEREO? ? OR MICROW-
                AVE? ? OR OVEN? ?)(5N)(CONTROL? OR DIRECT? OR RUN???? OR OPER-
                AT??? OR INSTRUCT???? OR COMMAND???)
S25        82   S1 AND S24
S26        76   RD (unique items)
S27        23   S26 NOT (PY=1998:2003 OR S12 OR S19 OR S23)
```

12/5/1   (Item 1 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)

04893280   E.I. No: EIP97123959585
   Title: ISAAC: A voice activated speech response system for wearable computers
   Author: Smailagic, Asim
   Corporate Source: Carnegie Mellon Univ, Pittsburgh, PA, USA
   Conference Title: Proceedings of the 1997 1st International Symposium on Wearable Computers
   Conference   Location: Cambridge,   MA,   USA   Conference   Date: 19971013-19971014
   Sponsor: IEEE
   E.I. Conference No.: 47504
   Source: International Symposium on Wearable Computers, Digest of Papers 1997. IEEE Comp Soc, Los Alamitos, CA, USA,97TB100199. p 183-184
   Publication Year: 1997
   CODEN: 002736
   Language: English
   Document Type: CA; (Conference Article)   Treatment: A; (Applications); G ; (General Review)
   Journal Announcement: 9802W2
   Abstract: ISAAC (Integrated Speech Activated Application Control) is a technology feasibility prototype which explored capabilities in the low-weight, low-energy area assuming communication over short distances. ISAAC employs speech for communicating with infrastructure in special rooms around campus. A wireless microphone transmits analog speech to a speech recognition system on a base computer. The base computer can control devices through infrared repeaters. It also communicates with the user via an infrared wireless headset. The user can read **electronic mail** or **control** the presentation (e.g., **VCR** , slide projector, etc.) using audio input/output. (Author abstract) 2 Refs.
   Descriptors: *Voice activated input devices; Speech recognition; Speech synthesis; Microphones; Telecommunication repeaters; User interfaces; Electronic mail; Radio communication; Computer control; Interactive computer systems
   Identifiers: Integrated speech activated application control (ISAAC); Infrared repeaters; Wearable computers
   Classification Codes:
   752.2.1 (Sound Recording Equipment)
   752.2 (Sound Recording); 722.2 (Computer Peripheral Equipment); 723.5 (Computer Applications); 751.5 (Speech); 752.1 (Acoustic Devices); 716.3 (Radio Systems & Equipment)
   752 (Sound Equipment & Systems); 722 (Computer Hardware); 723 (Computer Software); 751 (Acoustics); 716 (Radar, Radio & TV Electronic Equipment)
   75 (ACOUSTICAL TECHNOLOGY); 72 (COMPUTERS & DATA PROCESSING); 71 (ELECTRONICS & COMMUNICATIONS)

12/5/2   (Item 2 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)

01091526   E.I. Monthly No: EI8202016684   E.I. Yearly No: EI82105597
   Title: NEW HOME SERVICES DELIVERY SYSTEM ALTERNATIVES.
   Author: Akgun, Metin B.
   Corporate Source: Dep of Commun, Ottawa, Ont, Can
   Source: Conf Proc - Compet in the Inf Econ, Pap Presented During Horizon House Int Telecommun and Comput Expo, 6th, (INTELCOM 80), Los Angeles, Calif, USA, Nov 10-13 1980 Publ by Horizon House Telecommun, Inc, Dedham, Mass, USA, 1980 p 214-218
   Publication Year: 1980
   Language: ENGLISH
   Journal Announcement: 8202
   Abstract: This study compares on a per subscriber basis the capital cost requirements of several new homes services provided via a number of

delivery system alternatives. The study was limited to alarm monitoring, **electronic** information, **messaging** , energy load **management** and pay- **TV** services, since it is expected that these services will play an important role among new telecommunication services offered to homes during the 1980's. The studies main conclusions are, that the major cost component for most of the services is the subscriber premises equipment and that there are no significant cost differences between delivery system alternatives for a given service.
 Descriptors: *TELECOMMUNICATION SYSTEMS
 Classification Codes:
 716 (Radar, Radio & TV Electronic Equipment); 718 (Telephone & Line Communications)
 71 (ELECTRONICS & COMMUNICATIONS)

 12/5/3 **(Item 3 from file: 8)**
DIALOG(R)File 8:Ei Compendex(R)   .
(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

01020628 E.I. Monthly No: EI8105045138 E.I. Yearly No: EI81097503
 Title: COMPARISON OF TECHNOLOGY AND CAPITAL COSTS FOR NEW HOME SERVICES.
 Author: Akgun, Metin B.
 Corporate Source: Dep of Commun, Can
 Source: IEEE Transactions on Cable Television v CATV-5 n 3 Jul 1980 p 124-138
 Publication Year: 1980
 CODEN: ITCTDL ISSN: 0147-3204
 Language: ENGLISH
 Journal Announcement: 8105
 Abstract: This paper compares on a per subscriber basis the capital cost requirements of several new home services provided via a number of delivery system alternatives. The study was limited to alarm monitoring, **electronic** information, **messaging** , energy load **management** and pay- **TV** services. Since the role and penetration of new network architectures and technolgies in the local distribution plant during the 80's is uncertain only existing off-air broadcast, telephone and coaxial cable networks and their suitably augmented versions have been considered as delivery network alternatives. The studies' main conclusions are, that the major cost component for most of the services is the subscriber premises equipment and that there are no significant cost differences between delivery systems alternatives for given service. Also some indication is provided, that cost savings could be achieved through sharing of facilities. 19 refs.
 Descriptors: *TELEVISION--*Subscriber Systems; TELEVISION SYSTEMS, CABLE; DATA TRANSMISSION
 Classification Codes:
 716 (Radar, Radio & TV Electronic Equipment); 718 (Telephone & Line Communications)
 71 (ELECTRONICS & COMMUNICATIONS)

 12/5/4 **(Item 1 from file: 202)**
DIALOG(R)File 202:Info. Sci. & Tech. Abs.
(c) 2003 EBSCO Publishing. All rts. reserv.

3003514
Apparatus and method for electronic device for information services.
Author(s): Remillard, R
Patent Number(s): US 5461667
Publication Date: Oct 24, 1995
Language: English
Document Type: Patent
Record Type: Abstract
Journal Announcement: 3000

 An electronic device and method for accessing remote electronic facilities and displaying associated information on a conventional television set. The electronic device self-configures itself upon power-up or reset by initiating a data call to a configuring facility. Information

related to available facilities and programming, autonomous mail checking
is downloaded to the electronic device. The electronic device displays a
menu including several user selectable facilities on the display for a
user. The user chooses one of the options from the menu by use of a remote
keypad **control** , similar to a conventional **television** remote **control** .
The options available include printing, **electronic** **mail** and other news
and information services.

Descriptors: Displays; Electronic information systems; Electronic mail;
  Electronic technology
Classification Codes and Description: 3.11 (Communications and
  Telecommunications Systems)
Main Heading: Information Generation and Promulgation

 12/5/11   (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003, EBSCO Pub. All rts. reserv.

00429641   96PI07-004
   **Computer   meets   appliance   -- Single-function, mass-market devices--for
the kitchen?**
   Rupley, Sebastian
   PC Magazine , July 1, 1996 , v15 n13 p34, 1 Page(s)
   ISSN: 0888-8507
   Company Name: Diba
   Product Name: Interactive Digital Electronic Appliances
   Languages: English
   Document Type: Feature Articles and News
   Geographic Location: United States
   Discusses the IDEA, a new development concept from Diba of Belmont, CA.
Explains that the IDEA is an Interactive Digital Electronic Appliance, a
task-specific device that is a combination of specialized hardware and
software. Reports that there are currently about 42 models in development,
such as e-mail terminals and terminals for yellow pages listings. Mentions
that the company also has plans to collaborate with Zenith on an
interactive television technology that combines television and Web
browsing. (kgh)
   Descriptors: Microcomputer System; Task Automation; **Electronic   Mail**
; **Directories** ; **Television** ; Web Browsers; Product Development
   Identifiers: Interactive Digital Electronic Appliances; Diba

 12/5/12   (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2003 ProQuest Info&Learning. All rts. reserv.

04863403
WebTV Devices Take Off / Hot demand drains retailers' supplies
Swartz, Jon
San Francisco Chronicle, Sec D, p 1, col 5
 Dec 25, 1997
 NEWSPAPER CODE: SF
 DOCUMENT TYPE: News; Newspaper
 LANGUAGE: English   RECORD TYPE: ABSTRACT
 LENGTH: Medium (6-18 col inches)

ABSTRACT: After giving Internet appliances a frosty reception last
Christmas, consumers now want their WebTV -- if they can find one. The
set-top devices -- which let consumers surf the Web and exchange **e - mail**
on their **TV** screens by using a remote **control** -- have been as elusive
as shopping mall parking spaces. Units are being snapped up as quickly as
consumer-electronics stores can stock them, resulting in back-orders of up
to three weeks, according to retailers and officials of Palo Alto-based
WebTV. Officials of WebTV, which was acquired by Microsoft this year for
$425 million, said they have not been able to keep pace with demand for
both its new WebTV Plus Network product as well as the older "classic"
version.

DESCRIPTORS: Interactive television; Set top boxes; Consumer behavior;
  Financial performance
COMPANY INFORMATION:
WebTV Networks Inc

 12/5/13   (Item 2 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2003 ProQuest Info&Learning. All rts. reserv.

04653333
Price of Being Hooked On Hi-Tech Is Rising AMERICA'S MUST-HAVE-IT MIND-SET
Thompson, Neal
Christian Science Monitor, p 3, col 4
 Aug 7, 1997
 ISSN: 0882-7729   NEWSPAPER CODE: CS
 DOCUMENT TYPE: News; Newspaper
 LANGUAGE: English   RECORD TYPE: ABSTRACT
 LENGTH: Medium (6-18 col inches)

ABSTRACT: The daily rush of technology in Americans' lives starts with the
bleep of the digital alarm clock and ends as the remote **control** clicks
off the **TV** at night. In between is voice mail, **e - mail** , the pager, a
cell phone, the answering machine, an electronic organizer, maybe even a
laptop computer. Almost subtly, during the past decade Americans have
become ever-more dependent on technology. Items that were fantasies or
expensive toys 10 or 20 years ago - when a cellular phone cost more than a
computer - are now required tools. Last week, for instance, the 50
millionth American signed up for cellular phone service, according to the
industry's trade group in Washington. But Americans' quest for convenience
brings many trade-offs. The new array of high-tech tools drains
checkbooks. Now there's not only a cable TV bill, but a cell-phone bill
and an Internet-access bill, too. And the increasing connectedness strains
schedules. Laptops turn time off into "working vacations." Voice mail is
the tether between home and office.

DESCRIPTORS: Technological change; Social conditions & trends
GEOGRAPHIC NAMES: United States; US

 12/5/14   (Item 1 from file: 6)
DIALOG(R)File   6:NTIS
(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1944815 NTIS Accession Number: PB96-154208
  **Hitachi   Review Vol. 44, No. 5, October 1995. Hitachi Multimedia
Applications**
  Hitachi Ltd., Tokyo (Japan).
  Corp. Source Codes: 012206000
  cOct 95   45p
  Languages: English
  Journal Announcement: GRAI9612
  Color illustrations reproduced in black and white. See also PB96-129804
and PB96-155817.
  Order   this   product   from NTIS by: phone at 1-800-553-NTIS (U.S.
customers); (703)605-6000 (other countries); fax at (703)321-8547; and
email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,
Springfield, VA, 22161, USA.
  NTIS Prices: PC E06/MF E06
  Country of Publication: Japan
  ;Contents: Hitachi Multimedia Applications: Creating New Value with
Multimedia Technologies; Multimedia Applications in Urban Infrastructure
and Service Systems; Multimedia Networks Featuring Large-Screen Image
Displays; Multimedia Digital Library Systems for the Global Information
Network; An Internet Solution for Multimedia Information; Electronic
Newspaper Distribution System via Satellite; Multimedia Document Creation
by Structured Document Processing; and The MMP-1 In-Home Multimedia
Platform.

Descriptors: Multimedia; *Information technology; *Audio data; *Video data; Information systems; Systems integration; Telecommunication; Texts; Human computer interface; Data processing; Urban planning; **Control** systems; Computer programming; Display systems; **Television** equipment; Computer networks; Internet; Satellite communications; **Electronic mail** ; Electronic publishing; Computer graphics; CD-ROM; Communication networks

Identifiers: *Foreign technology; High definition television; Digital libraries; NTISTFMRI

Section Headings: 62GE (Computers, Control, and Information Theory--General); 45C (Communication--Common Carrier and Satellite); 45B (Communication--Radio and Television Equipment); 82C (Photography and Recording Devices--Recording Devices); 95D (Biomedical Technology and Human Factors Engineering--Human Factors Engineering); 88A (Library and Information Sciences--Operations and Planning); 70E (Administration and Management--Research Program Administration and Technology Transfer)

12/5/19   (Item 1 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs
(c) 2003 The HW Wilson Co. All rts. reserv.

1679476 H.W. WILSON RECORD NUMBER: BAST97039982
Video, PCS score big at ICCE '97
AUGMENTED TITLE: Chicago, Ill., June 11-13, 1997; program
Novellino, John;
Electronic Design v. 45 (June 9 '97) p. 42-8
DOCUMENT TYPE: Symposium ISSN: 0013-4872 LANGUAGE: English
RECORD STATUS: Corrected or revised record

ABSTRACT: A guide to the 16th International Conference on Consumer Electronics, which will be held on June 9-13, 1997, in Chicago, Illinois. Featured technologies include digital cameras, interactive video, high definition **TV** , video-on-demand, a speech- **activated** telephony **E - mail** reader, and a new modulation technique. Panel discussions include a discussion on "Electronic commerce and consumer Internet services.".

DESCRIPTORS: Consumer electronics; Electronics industry--Trade shows; High definition television systems;

12/5/20   (Item 2 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs
(c) 2003 The HW Wilson Co. All rts. reserv.

1265517 H.W. WILSON RECORD NUMBER: BAST95061290
Get on the Net with teletext
Marks, Paul;
New Scientist v. 147 (Sept. 30 '95) p. 24-5
DOCUMENT TYPE: Feature Article ISSN: 0262-4079 LANGUAGE: English
RECORD STATUS: New record

ABSTRACT: In November 1995, a Swedish TV broadcaster will test a text-only Internet service that will allow viewers equipped with only a teletext TV set and touch-tone phone to browse the World Wide Web and send **e - mail** . The user dials up a computer at the **TV** station and inputs **commands** via the telephone keypad. Web information or **e - mail   messages** are then broadcast in teletext format and displayed on an interactive teletext page on the TV. This system allows users to access the Internet without the need for a PC or modem.

DESCRIPTORS: Teletext systems; Internet--Access control;

12/5/25   (Item 5 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

06481145

Acer expects shake-up in the PC market
    TAIWAN: ACER EXHIBITS INTERNET BOX
South China Morning Post (XKT)   10 Jun 1997 p.t3
Language: ENGLISH

At Computex '97, Acer Computer exhibited an Internet box that allows
Internet access and **e** - **mail** through ordinary **TV** set and remote
 control . The company also plans to extend its dedicated computers to home
users from corporate users. It is selling dedicated computers to bankers at
between US$1,000 and US$1,500. *

COMPANY: ACER COMPUTER

PRODUCT: Microcomputers (3573MI);
EVENT: Marketing Procedures (24);
COUNTRY: Taiwan (9TAI);

 12/5/27   (Item 7 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

06026909
An interactive stamp of approval
   US: POST SERVICE TURNS TO INTERACTIVE TECHNOLOGY
Advertising Age (AAE)   20 Jun 1994 p.22,25
Language: ENGLISH

The US Postal Service, facing increasing competition from new technologies,
is itself experimenting with interactive technology in a bid to maintain
its share of the market. Although overall mail volume is on the increase,
the Postal Service is expected to see its share of the correspondence and
transaction market fall to around 54% in 1994, from 68% in 1991 and 77% in
1988, and the Postal Service is losing out in the business mail sector in
particular. Its experiments with interactive technology include business
reply scanning, **electronic** **mail** certification and interactive **TV**
 which allows customers to **order** mailing supplies and stamps with
delivery to take place the following day.

PRODUCT: Public Mail & Express Services (4311); Economic Programmes (9108
);
EVENT: General Management Services (26);
COUNTRY: United States (1USA);

19/5/1   (Item 1 from file: 8)

04630483   E.I. No: EIP97023530348
   Title: DTeC - a technology-based freshman design course sequence
   Author: Sackman, George; Fellows, Sharon; Culver, Richard
   Corporate Source: Binghamton Univ, Binghamton, NY, USA
   Conference Title: Proceedings of the 1996 26th Annual Conference on
Frontiers in Education, FIE'96. Part 2 (of 3)
   Conference   Location: Salt   Lake City, UT, USA   Conference   Date:
19961106-19961109
   Sponsor: IEEE
   E.I. Conference No.: 46084
   Source: Technology-Based Re-Engineering Engineering Education Proceedings
- Frontiers in Education Conference v 2 1996. IEEE, Piscataway, NJ,
USA,96CB35946. p 905-908
   Publication Year: 1996
   CODEN: PFECDR   ISSN: 0190-5848
   Language: English
   Document Type: CA; (Conference Article)   Treatment: A; (Applications)
   Journal Announcement: 9704W2
   Abstract: This paper describes a new integrated course sequence for
freshman engineering students: Design, Technology and Communication I and
II (DTeC). Design projects documented with log books and written reports,
along with oral presentations serve as the integrating element in the
sequence. In DTeC-I the students learn to use **e - mail** , word processing,
spread sheet, and solid modeling computer graphics application software as
well as an introduction to FORTRAN programming. Design projects include a
paper structure, digital logic, and aids for the handicapped in a local
sheltered workshop. In DTeC-II multimedia software and peripheral hardware
(scanners, sound cards) are introduced and used in a multimedia design
project: creation of interactive tutorial programs for 4th grade elementary
school students, describing the **operation** of common technological
devices . Development of DTeC-III, a mechatronics design lab in the
sophomore year using 'C' programming of a microcontroller, is presently in
progress. (Author abstract)
   Descriptors: Engineering education; Information technology; Computer
aided **instruction** ; **Electronic**   **mail** ; Word processing; Spreadsheets;
Computer simulation; Computer graphics; Computer software; FORTRAN
(programming language)
   Identifiers: Freshman engineering students; Freshman design course;
Multimedia; Interactive tutorial programs; Mechatronics design lab
   Classification Codes:
   901.2 (Education); 723.5 (Computer Applications); 723.2 (Data
Processing); 723.1 (Computer Programming); 722.4 (Digital Computers &
Systems)
   901 (Engineering Profession); 723 (Computer Software); 903
(Information Science); 722 (Computer Hardware)
   90 (GENERAL ENGINEERING); 72 (COMPUTERS & DATA PROCESSING)

19/5/2   (Item 2 from file: 8)

04265305   E.I. No: EIP95102889037
   Title: Science-by-mail
   Author: White, Ellen A.; Fusco, Marc E.
   Corporate Source: Bellcore, Piscataway, NJ, USA
   Conference Title: Proceedings of the Conference on Human Factors in
Computing Systems. Part 2 (of 2)
   Conference Location: Denver, CO, USA   Conference Date: 19950507-19950511
   E.I. Conference No.: 43724
   Source: Human Factors in Computing Systems (CHI) - Conference Proceedings
v 2 1995. ACM, New York, NY, USA. p 149-150
   Publication Year: 1995
   CODEN: 002163

Language: English
Document Type: CA; (Conference Article)   Treatment: A; (Applications)
Journal Announcement: 9512W1

Abstract: Science-by-Mail is a hands-on, experimental science activity
program for children in grades 4 - 9 that is designed to be engaging,
educational, and fun Each participating child is matched with a volunteer
pen-pal scientist who provides encouragement and guidance. They receive
three 'challenge packets' throughout the year containing information and
materials related to an issue in science or technology. Communication
between students and scientists about the packets forms the core of the
interactions. A nationwide program developed by the Museum of Science,
Boston, Science-by-Mail currently involves about 25,000 children and 2,500
scientists. (Author abstract)
Descriptors: Computer aided **instruction ; Electronic   mail ;**
Information technology; Computer **hardware ;** Computer software; Standards
Identifiers: Science by mail; Social action; Technology education
Classification Codes:
723.5 (Computer Applications); 722.1 (Data Storage, Equipment &
Techniques); 723.3 (Database Systems); 902.2 (Codes & Standards)
723 (Computer Software); 722 (Computer Hardware); 902 (Engineering
Graphics & Standards)
72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING)

19/5/3   (Item 3 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

04082949   E.I. No: EIP95022584960
Title: Communications center automation
Author: Stubee, J.
Corporate Source: Communications Systems Div, Camden, NJ, USA
Conference Title: Proceedings of the 1994 IEEE MILCOM. Part 2 (of 3)
Conference   Location: Long   Branch,   NJ,   USA   Conference   Date:
19941002-19941005
Sponsor: IEEE
E.I. Conference No.: 42512
Source: IEEE MILCOM v 2 1994. IEEE, Piscataway, NJ, USA,94CH3400-9. p
674-679
Publication Year: 1994
CODEN: 001918
Language: English
Document Type: CA; (Conference Article)   Treatment: A; (Applications); T
; (Theoretical)
Journal Announcement: 9504W4

Abstract: A model for an automated Navy Radio Room architecture has been
developed and a subset of features to automatically command, control and
monitor communication services for analog voice and digital data has been
implemented and demonstrated. The demonstration integrated a programmable
crypto development module using CYPRIS technology and a Time Division
Matrix (TDM) baseband switch. This paper describes the automatic
configuration of communications equipment for a pre-defined communications
plan, **operator** configuration of individual **equipment** , and the
implementation features which support the key system concepts. These
techniques will simplify communications operations and provide a foundation
for future automation supporting Communications Support System (CSS)
concepts. 5 Refs.
Descriptors: *Automation; Mathematical models; Telecommunication services
; Command and control systems; Voice/data communication systems; Computer
graphics; Data communication systems; Data communication equipment; Expert
systems; Network protocols
Identifiers: Radio room communications; **Electronic   command   message ;**
Baseband switch; Programmable crypto **device**
Classification Codes:
723.4.1 (Expert Systems)
732.2 (Control Instrumentation); 921.6 (Numerical Methods); 722.3
(Data Communication, Equipment & Techniques); 731.1 (Control Systems);
723.5 (Computer Applications); 723.4 (Artificial Intelligence)

732 (Control Devices); 921 (Applied Mathematics); 722 (Computer
Hardware); 731 (Automatic Control Principles); 723 (Computer Software)
73 (CONTROL ENGINEERING); 92 (ENGINEERING MATHEMATICS); 72 (COMPUTERS
& DATA PROCESSING)

19/5/8   (Item 1 from file: 202)

3101159
**Telephone apparatus, information processing apparatus and information
communication terminal.**
Author(s): Onosaka, K
Patent Number(s): US 5500893
Publication Date: Mar 19, 1996
Language: English
Document Type: Patent
Record Type: Abstract
Journal Announcement: 3100

An information communication terminal having a telephone and an
informational processing device for communicating with other such terminals
or communication devices by way of a telephone network. The informational
processing device is adapted to execute a number of predetermined
application programs and perform data communication which includes
receiving **electronic   mail** by way of the telephone network. The
informational processing device may include a battery, a device for
generating a battery informational signal representing a charged state of
the battery, a first display device for displaying thereon results of the
execution of an application program and information corresponding to the
electronic   mail , a device for generating an **electronic   mail**
informational signal representing the receipt of **electronic   mail** , and a
 device for generating a disconnect **command** signal when the
informational processing **device** is performing data communication. The
telephone is adapted for communicating between operators by way of the
telephone network.

Descriptors: Communications; Information processing; Telephone; Terminals
Classification Codes and Description: 3.11 (Communications and
    Telecommunications Systems); 5.05 (Hardware)
Main Heading: Information Generation and Promulgation; Information
    Processing and Control

19/5/11   (Item 1 from file: 2)

4823987   INSPEC Abstract Number: B9412-6210G-018, C9412-7104-018
 Title: **The BERKOM multimedia-mail teleservice**
 Author(s): Hofrichter, K.; Moeller, E.; Scheller, A.; Schurmann, G.
 Author Affiliation: Nat. Res. Center for Comput. Sci. & Inf. Technol.,
Res. Inst. for Open Commun. Syst., Berlin, Germany
 p.23-30
 Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA
 Publication Date: 1993 Country of Publication: USA   x+485 pp.
 ISBN: 0 8186 4430 3
 U.S. Copyright Clearance Center Code: 1071-0485/93/$3.00
 Conference Title: 1993 4th Workshop on Future Trends of Distributed
Computing Systems
 Conference Sponsor: IEEE Comput. Soc. Tech. Committee on Distributed
Process
 Conference Date: 22-24 Sept. 1993 Conference Location: Lisbon,
Portugal
 Language: English   Document Type: Conference Paper (PA)
 Treatment: Practical (P)
 Abstract: A multimedia-mail teleservice based on CCITT Recommendation

X.400 is under development within the BERKOM Project funded by the German PTT. An additional exchange mechanism complements the **electronic mail** 's inherent store-and-forward **mechanism** in **order** to allow the resolution of references to message content, which may be placed within a message rather than the content itself. The traditional text exchange is being enriched by supporting multimedia information in the form of standardized text, still and moving images, audio, and documents. Possible future developments are discussed. (48 Refs)
   Subfile: B C
   Descriptors: **electronic mail** ; multimedia systems
   Identifiers: multimedia-mail teleservice; CCITT Recommendation X.400; BERKOM Project; German PTT; exchange mechanism; store-and-forward
   Class Codes: B6210G (Electronic mail); C7104 (Office automation)

   19/5/14   (Item 4 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

02526061   INSPEC Abstract Number: C85046970
 Title: Photonet II-a review
   Author(s): Iocolano, M.
   Journal: Online   vol.9, no.5   p.109-14
   Publication Date: Sept. 1985 Country of Publication: USA
   CODEN: ONLIDN ISSN: 0146-5422
   Language: English   Document Type: Journal Paper (JP)
   Treatment: Practical (P)
   Abstract: Photonet is an online service devoted to the photographic and publishing industry. Photonet subscribers can connect their personal computers via phone lines to Photonet's large computer and post information on electronic bulletin boards, send and receive **electronic mail** with other subscribers, **order** photographic **equipment** , and take advantage of numerous other services. (0 Refs)
   Subfile: C
   Descriptors: **electronic mail** ; information services
   Identifiers: Photonet II; online service; photographic; publishing industry; electronic bulletin boards; **electronic mail** ; **order** photographic **equipment**
   Class Codes: C7100 (Business and administration); C7210 (Information services and centres)

   19/5/15   (Item 5 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

02410599   INSPEC Abstract Number: B85019716, C85016173
 Title: Electronic mail **in a buy and supply department**
   Author(s): Walton, P.
   Journal: Communications   vol.1, no.2   p.76, 78
   Publication Date: Nov. 1984 Country of Publication: UK
   CODEN: CMMNE7 ISSN: 0266-8009
   Language: English   Document Type: Journal Paper (JP)
   Treatment: General, Review (G)
   Abstract: Kent County Council's Purchasing and Supply department uses **electronic mail** to satisfy **order** from its customers, to connect them with suppliers if it does not hold stock and to account for the subsequent mass of **order** and invoice documentation. **Electronic mail** carriers **orders** -along a private viewdata supplied by Viewtex of Tunbridge Wells- **directly** into a Digital **Equipment** (DEC) PDP-11 minicomputer for processing. (0 Refs)
   Subfile: B C
   Descriptors: **electronic mail**
   Identifiers: Kent County Council; Digital Equipment; DEC PDP-11 minicomputer; **electronic mail** ; viewdata
   Class Codes: B6210G (Electronic mail); C7100 (Business and administration)

19/5/17   (Item 7 from file: 2)

02159101   INSPEC Abstract Number: B83062248, C84002725
 Title: Communications by computer in tomorrow's office
  Author(s): Sermet, A.
  Author Affiliation: Radio-Suisse, Berne, Switzerland
  Conference Title: INFODIAL. 2nd International Congress and Exhibition on
Data Bases and Data Banks   p.201-4
  Publisher: INFODIAL, Paris, France
  Publication Date: 1983 Country of Publication: France   xiii+303 pp.
  Conference Date: 24-27 May 1983   Conference Location: Paris, France
  Language: French   Document Type: Conference Paper (PA)
  Treatment: Applications (A); Practical (P)
  Abstract: In a period of economic recession, telecommunications are
particularly important in the exchange of information. The head of a
company needs quick, reliable and economic means to inform and to be
informed, to manage and to decide. One finds more and more frequently a
computer terminal at the working place near the telephone. Even the
managing **director** often has recourse to this device in **order** to consult
data bases, exchange rates or his **electronic   mailbox** . With the
implementation of special networks for the data transmission, the
 electronic   mail and the access to data bases gain in importance. The
 electronic   mail -twenty times faster and three times more economical
than the telex-permits a safe exchange of the written information with all
the possibilities and comfort of a normal typewriter. The development and
the creation of documentation systems, of data bases and data banks have
made it possible to accelerate and to rationalise the access to the
information. The conference raises the problem of the communications with
computers and shows the effects on tomorrow's office. (0 Refs)
  Subfile: B C
  Descriptors: **electronic   mail**
  Identifiers: telecommunications; computer terminal; data bases; exchange
rates; **electronic   mailbox** ; data transmission; documentation systems
  Class Codes: B6210G (Electronic mail); C7100 (Business and
administration)

19/5/18   (Item 1 from file: 233)

00481144   97PW12-006
  Windows CE 2.0 adds power and color to handhelds
  Arar, Yardena
  PC World , December 1, 1997 , v15 n12 p80-84, 2 Page(s)
  ISSN: 0737-8939
  Languages: English
  Document Type: Articles, News & Columns
  Geographic Location: United States
  Presents a brief overview of the features of Windows CE 2.0, the latest
version of Microsoft's one-year-old operating system for palmtops and other
non-PC devices. Among the improvements included in the new OS are larger
color LCD screens, printer support, and improved connectivity. New CE
handhelds have larger displays and provide resolutions of up to 640-by-240
with 256 colors. CE 2.0 allows users to send Pocket Word and Pocket Excel
documents directly to a printer and send and receive **e - mail
attachments** and check the spelling of Pocket Word documents. Most
handheld users will be able to take advantage of many of these enhancements
through a ROM upgrade (free to recent buyers). The price of the new systems
varies from $600 for basic models to $900 for high-end units. A table
summarizes features of the first seven available CE 2.0 PDAs. Includes one
table and two photos. (djd)
  Descriptors: Personal Digital Assistant; **Operating** Systems; Product
Announcement; **Hardware**

19/5/19   (Item 2 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003, EBSCO Pub. All rts. reserv.

00454239   9703IQ-002
   **Slip into a better view of the Internet with Windows Sockets Software:
an introductory setup guide (version 9)**
   Vincenti, William; Newman, Jason
   Internet Reference Services Quarterly , March 1, 1997 , v2 n1 p17-37, 21
Page(s)
   Languages: English
   Document Type: Articles, News & Columns
   Geographic Location: United States
   Presents a practical guide to setting up an Internet connection that
permits the operation of software such as Netscape and other Windows Socket
programs. Says that software developers have made programs available that
allow users to run **e - mail** , file transfer protocol (FTP), or Web
browsing programs from within a system like Windows. Four sections include:
an introduction to the nature of Windows Socket programs; information about
the kind of Internet services that are required to **run** this software,
descriptions of the **hardware** requirements, and a list of basic required
programs; **instructions** for transferring files to **e - mail** accounts via
FTP; and installation **instructions** for the basic programs that are needed
to access most information on the Internet. (smg)
   Descriptors: Web Browsers; Internet; Window Software; **Electronic
Mail** ; Tutorial; Web Tools; Online Information

   19/5/20   (Item 3 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003, EBSCO Pub. All rts. reserv.

00405146   95CW12-112
   Navy sails to E - mail **gateway solution**
   Mohan, Suruchi
   Computerworld , December 11, 1995 , v29 n50 p65, 1 Page(s)
   ISSN: 0010-4841
   Company Name: Digital Equipment Corp.
   Product Name: Mailbus 400
   Languages: English
   Document Type: Feature Articles and News
   Geographic Location: United States
   Provides a case study of the Naval Air Systems **Command** in Arlington,
VA, where the information systems department manages **electronic mail**
with a gateway solution. Explains that in the process of upgrading the mix
of Macintoshes and IBM PC compatibles with fiber optic networks, the
disparate systems of **electronic mail** users wanted to communicate with
others. States that six hubs of different **electronic mail** systems were
connected in a wide area network using Digital's x.400 backbone, Mailbus
400, which supports file attachments and synchronous directories. Says that
the system works well with the varying **hardware** systems and **operating**
 systems, and it has helped to link the users. Includes one sidebar. (bjp)
   Descriptors: **Electronic   Mail** ; Interoperability; Enterprise
Computing; Wide Area Networks; Military; Case Study
   Identifiers: Mailbus 400; Digital Equipment Corp.

   19/5/21   (Item 4 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003, EBSCO Pub. All rts. reserv.

00366813   94LK11-018
   `intellect': **it automatically organizes your communications -- A
complete telephone/PC link**
   LINK-UP , November 1, 1994 , v11 n6 p15, 1 Page(s)
   ISSN: 0739-988X
   Company Name: Clearwave Communications

Product Name: intellect
Languages: English
Document Type: Product Announcement
Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows
Geographic Location: United States
Announces the release of intellect ($289) a telephone/PC link product that organizes desktop communications, from Clearwave Communications of Fort Collins, CO (303). Says that intellect integrates the phone, fax machines, modem, **computer** , voice **mail** and answering **machine** into a telecommunications **command** center. Explains that it automatically organizes all business communications calls and faxes and its functions include: message management and tracking, 24-hour call answering, priority call alert, auto dialing, an electronic phone book, call screening, call forwarding, call waiting, distinctive ringing, and Caller ID. Also notes that it can interface with many popular contact managers, databases, and fax software packages. requires a PC compatible running Windows 3.1 or higher, a 3.5'' disk drive, an available COM port, and a VGA monitor. notes it works even when the PC is off. (ekm)
    Descriptors: Telecommunications; Telephone; Facsimile; Modem; Voice Mail; Contact Manager; Window Software
    Identifiers: intellect; Clearwave Communications

 19/5/52   (Item 3 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management
(c) 2003 FIZ TECHNIK. All rts. reserv.

00540257 I91117776927
The use of electronic mail **as an instructional aid: an exploratory study**
(Die Verwendung elektronischer Post als Lehrhilfsmittel: eine Untersuchung)
Veasey D'Souza, P
Dept. of Decision Sci., California State Univ., San Bernardino, CA, USA
Journal of Computer-Based Instruction, v18, n3, pp106-110, 1991
Document type: journal article Language: English
Record type: Abstract
ISSN: 0098-597X

ABSTRACT:
Most of the research concerning electronic technologies in instructional settings has concentrated on computer-assisted instruction as an alternative means of **instruction** . Trends in **hardware** and software have opened new avenues for using the computer as a tool for enhancing instruction. This study investigates the instructional benefits of communicating and disseminating class information and assignments via **electronic mail** (**E** - **mail**). This study found significant differences in four performance scores between 22 students receiving class information and assignment via **E** - **mail** and 16 students receiving the traditional handout mode of class information and communication. In all cases, differences were in favor of the **E** - **mail** group.

DESCRIPTORS: ASSESSMENT; CASE STUDIES; COMPUTING; ADVANCED TRAINING; EDUCATIONAL COURSES; EDUCATION; CAI--COMPUTER AIDED **INSTRUCTION** ; COMPUTER SYSTEMS **HARDWARE** ; COMPUTER SOFTWARE; **E   MAIL**
IDENTIFIERS: COMPUTER ASSISTED INSTRUCTION; Unterricht; elektronische Post

```
Set     Items    Description
S1      22564    (E OR ELECTRONIC OR COMPUTER? OR INTERNET OR ONLINE OR ON(-
                 )LINE)(1W)(MAIL??? OR MESSAG???) OR EMAIL??? OR INSTANT()(MES-
                 SAG??? OR MESSENGER? ?)
S2      850545   APPLIANCE? ? OR VCR? ? OR RECORDER? ? OR THERMOSTAT? ? OR -
                 FRIDGE? ? OR REFRIGERATOR? ? OR STEREO? ? OR MICROWAVE? ? OR -
                 OVEN? ? OR TV OR TELEVISION? ?
S3      76421    S2(5N)(CONTROL? OR MANAG? OR MANIPULAT? OR INTERACT? OR DI-
                 RECT? OR RUN???? OR (TURN??? OR SWITCH???)(3W)(ON OR OFF) OR -
                 OPERAT??? OR INSTRUCT???? OR COMMAND??? OR ORDER??? OR ACTIVA-
                 T? OR INVOK?)
S4      8132846  DEVICE? ? OR MACHINE? ? OR HARDWARE OR APPARATUS?? OR EQUI-
                 PMENT OR MECHANISM? ?
S5      1311729  S4(5N)(CONTROL? OR MANAG? OR MANIPULAT? OR INTERACT? OR DI-
                 RECT? OR RUN???? OR (TURN??? OR SWITCH???)(3W)(ON OR OFF) OR -
                 OPERAT??? OR INSTRUCT???? OR COMMAND??? OR ORDER??? OR ACTIVA-
                 T? OR INVOK?)
S6      1628760  PC? ? OR COMPUTER? ? OR CLIENT? ? OR TERMINAL? ? OR WORKST-
                 ATION? ? OR WORK()STATION? ? OR NODE? ? OR SERVER? ?
S7        187    S1 AND S3
S8        113    S7 AND S6
S9       1280    S1(10N)(INSTRUCTION? ? OR COMMAND? ? OR ORDER? ? OR ATTACH-
                 MENT? ? OR ACTIVEX OR ACTIVE()X)
S10        16    S8 AND S9
S11        30    S7 AND S9
S12       255    S5 AND S9
S13        26    S2 AND S12
S14         8    S13 NOT S11
S15     1743375  S6 OR CPU OR CENTRAL()PROCESSING()UNIT
S16       683    S5(5N)S1
S17       126    S9 AND S16
S18       906    S1(5N)(INSTRUCTION? ? OR COMMAND? ? OR ORDER? ? OR ATTACHM-
                 ENT? ? OR ACTIVEX OR ACTIVE()X)
S19       101    S17 AND S18
S20        84    S19 NOT (S11 OR S14)
S21        66    S20 AND IC=G06F
S22        18    S20 NOT S21
S23        61    S1/TI AND S7
S24        39    S23 NOT (S11 OR S14 OR S20)
S25        25    S17 NOT (S11 OR S14 OR S20 OR S24)
S26       154    S1 AND APPLIANCE? ?
S27       131    S26 NOT (S11 OR S14 OR S20 OR S24 OR S25)
S28        18    S1/TI AND S27
S29       113    S27 NOT S28
S30        72    S29 AND IC=G06F
S31        41    S29 NOT S30
```

DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

07112007   **Image available**
REMOTE CONTROL DEVICE AND METHOD

PUB. NO.:   2001-339674 [JP 2001339674 A]
PUBLISHED: December 07, 2001 (20011207)
INVENTOR(s):   HIRATA SHINICHI
APPLICANT(s):   SONY CORP
APPL. NO.:   2001-099894 [JP 20011099894]
                Division of 09-064230 [JP 9764230]
FILED: March 18, 1997 (19970318)
INTL CLASS: H04N-005/76; G06F-013/00; G11B-031/00; H04M-011/00;
                H04N-005/00; H04N-005/7826; H04Q-009/00

ABSTRACT
PROBLEM TO BE SOLVED: To accurately control an electrical machinery and
apparatus from the remote location.

SOLUTION: The **electronic   mail** that the interpolation of a control
command was done is transmitted through a public line 2, is received
through a modem section 21 of a gateway 20, and then is converted into
digital data and supplied to a control section 22. A CPU(central processing
unit) 22a of the control section 22 extracts the control **command** which is
included in this **electronic   mail** , while a received **electronic   mail**
is stored in a RAM(random access memory) 22c. An interface section 23 then
is supplied with a control signal corresponding to the control command. An
IR(infra red) sending section 26 allows the interface section 23 to send a
signal corresponding to the control signal supplied from the CPU 22a or it
outputs the signal through an interconnect line 28 and **controls** a video
recorder 27.

DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

015276829   **Image available**
WPI Acc No: 2003-337760/200332
XRPX Acc No: N03-270724
   Remote control **system for domestic electrical** appliances , **selects**
   operation **program corresponding to** operation **key transmitted from user
   and/or manufacturer through** e - mail , **to** control **specified** appliance

Patent Assignee: GAKUSHU KENKYUSHA KK (GAKN)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 2003102071 A   20030404 JP 2001286954 A   20010920 200332 B

Priority Applications (No Type Date): JP 2001286954 A 20010920
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 2003102071 A   8 H04Q-009/00

Abstract (Basic): JP 2003102071 A
       NOVELTY - A controller (21) establishes communication between a
   user and/or manufacturer and domestic appliances through a network, to
   transmit **e - mails** including an **operation** key to the target
   appliance . An **operation   command** execution unit (24) provided in an
   electronic   mailer module (4) selects an operation program from a
   conversion table corresponding to the transmitted **operation** key, to
   control the **appliance** .
       DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for

remote **control** method of domestic **appliances** .
    USE - For **controlling** domestic electrical **appliances** such as
air-conditioner, video, refrigerator and bath by user or manufacturer,
from remote place through internet.
    ADVANTAGE - Enables effective **control** of individual **appliances**
from remote places, without performing complicated operations.
    DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the
remote control system. (Drawing includes non-English language text).
    electronic   mailer module (4)
    controller (21)
    operation command execution unit (24)
    pp; 8 DwgNo 2/10
Title Terms: REMOTE; CONTROL; SYSTEM; DOMESTIC; ELECTRIC; APPLIANCE; SELECT
    ; OPERATE; PROGRAM; CORRESPOND; OPERATE; KEY; TRANSMIT; USER; MANUFACTURE
    ; THROUGH; MAIL; CONTROL; SPECIFIED; APPLIANCE
Derwent Class: T01; W01
International Patent Class (Main): H04Q-009/00
International Patent Class (Additional): G06F-013/00
File Segment: EPI

 11/5/9   (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

015148478   **Image available**
WPI Acc No: 2003-209005/200320
XRPX Acc No: N03-166561
    **Remote maintenance system for remotely configuring and maintaining
    equipment, has command unit that sends command and password to be
    executed by equipment through** e - mail **, using which equipment is
    maintained**
Patent Assignee: YOKOGAWA DENKI KK (YOKG); YOKOGAWA ELECTRIC CORP (YOKG
)
Inventor: HASEGAWA K
Number of Countries: 002 Number of Patents: 003
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 20020147806 A1   20021010 US 2002112702   A   20020402 200320 B
JP 2002305777   A   20021018 JP 2001108441   A   20010406 200330
JP 2003108488   A   20030411 JP 2001296444   A   20010927 200334

Priority Applications (No Type Date): JP 2001296444 A 20010927; JP
    2001108441 A 20010406
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 20020147806 A1   20 G06F-015/173
JP 2002305777 A   9 H04Q-009/00
JP 2003108488 A   6 G06F-013/00

Abstract (Basic): US 20020147806 A1
    NOVELTY - A **command** unit (17,18) sends an **electronic   mail**
containing a **command** and a password to a remotely located target
equipment (12), through Internet (200a). The target equipment receives
the **electronic   mail** which contains the password and the **command**
in an encrypted form, provided in the text or attached file of the
mail. The command is executed by the target equipment to configure and
maintain the equipment.
    DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for **e -
mail** based data processing system.
    USE - Remote maintenance system for configuring and maintaining
equipment such as **controller** , measuring instruments, **recorders** ,
office automation equipment using **command** units such as computer,
cellular phone, PHS phone, personal digital assistant (PDA), etc.
    ADVANTAGE - Eliminates the need for reconfiguring the network
environment, as target equipment and **command** units capable of sending
and receiving **e - mails** are used. Since the **commands** are sent to
the devices through **electronic   mail** , several **commands** may be sent

through a single mail, thus eliminating the complexity and the time
involved in configuring the devices. Since password is provided and the
commands are encrypted, the security and reliability are improved.
     DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of
the remote maintenance system.
     target equipment (12)
     command units (17,18)
     Internet (200a)
     pp; 20 DwgNo 6/15
Title Terms: REMOTE; MAINTAIN; SYSTEM; REMOTE; MAINTAIN; EQUIPMENT; COMMAND
  ; UNIT; SEND; COMMAND; PASSWORD; EXECUTE; EQUIPMENT; THROUGH; MAIL;
  EQUIPMENT; MAINTAIN
Derwent Class: T01
International Patent Class (Main): G06F-013/00; G06F-015/173; H04Q-009/00
International Patent Class (Additional): G06F-013/00
File Segment: EPI

 11/5/11   (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014499965   **Image available**
WPI Acc No: 2002-320668/200236
Related WPI Acc No: 1998-578830; 2002-102921; 2002-310547; 2002-310548;
  2002-310549; 2002-310552; 2002-320428; 2002-320429; 2002-320430;
  2002-320431; 2002-320432; 2002-320543
XRPX Acc No: N02-251205
   **Network-connected remote control apparatus for electronic devices
   involves acquiring control command from** e - mail **transmitted from
   server, and correspondingly controls electronic device**
Patent Assignee: SONY CORP (SONY)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   .Kind   Date   Applicat No   Kind   Date   Week
JP 2001346271 A   20011214 JP 9764230   A   19970318 200236 B
                             JP 200199890   A   19970318

Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199890 A
  19970318
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 2001346271 A   9 H04Q-009/00   Div ex application JP 9764230

Abstract (Basic): JP 2001346271 A
     NOVELTY - A modem (21) acquires the control **command** from **e -
mail** transmitted by a network server. A CPU (22a) controls a
predetermined electronic device depending on control command.
     DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
remote control method.
     USE - For **controlling** electronic devices like **TV** , video
recorder .
     ADVANTAGE - An electronic equipment is correctly controlled even
from a remote place.
     DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the
remote control apparatus. (Drawing includes non-English language text).

     Modem (21)
     CPU (22a)
     pp; 9 DwgNo 2/11
Title Terms: NETWORK; CONNECT; REMOTE; CONTROL; APPARATUS; ELECTRONIC;
  DEVICE; ACQUIRE; CONTROL; COMMAND; MAIL; TRANSMIT; SERVE; CORRESPOND;
  CONTROL; ELECTRONIC; DEVICE
Derwent Class: T01; W01; W03
International Patent Class (Main): H04Q-009/00
International Patent Class (Additional): G06F-013/00; H04M-011/00;
  H04N-005/00; H04N-007/173
File Segment: EPI

11/5/12   (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014499840   **Image available**
WPI Acc No: 2002-320543/200236
Related WPI Acc No: 1998-578830; 2002-102921; 2002-310547; 2002-310548;
   2002-310549; 2002-310552; 2002-320428; 2002-320429; 2002-320430;
   2002-320431; 2002-320432; 2002-320668
XRPX Acc No: N02-251083
   Remote controller for video recorder , **extracts video recording** control
      command **from received** e - mail **for** controlling **corresponding**
   television **broadcasting video** recorder
Patent Assignee: SONY CORP (SONY)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 2001339674 A   20011207   JP 9764230   A   19970318   200236 .B
                                JP 200199894   A   19970318

Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199894 A
   19970318
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 2001339674 A   9 H04N-005/76   Div ex application JP 9764230

Abstract (Basic): JP 2001339674 A
      NOVELTY - A modem (21) receives **e - mail** including video
   recording control **command** that represents a video recording
   completion date and a television broadcasting channel. An interface
   (23) extracts control **command** from the received **e - mail** . A
   control unit (22) **controls** a corresponding **television** broadcasting
   video **recorder** based on the extracted **command** information.
      DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
   remote control method.
      USE - For remote control of electrical equipment such as video
   recorder connected to television for enabling reservation recording
   etc.
      ADVANTAGE - An electric equipment is correctly controllable even
   from remote place, thereby enabling suitable reservation recording.
      DESCRIPTION OF DRAWING(S) - The figure shows the components of
   remote controller. (Drawing includes non-English language text).
      Modem (21)
      Control unit (22)
      Interface (23)
      pp; 9 DwgNo 1/11
Title Terms: REMOTE; CONTROL; VIDEO; RECORD; EXTRACT; VIDEO; RECORD;
   CONTROL; COMMAND; RECEIVE; MAIL; CONTROL; CORRESPOND; TELEVISION;
   BROADCAST; VIDEO; RECORD
Derwent Class: T01; W01; W03
International Patent Class (Main): H04N-005/76
International Patent Class (Additional): G06F-013/00; G11B-031/00;
   H04M-011/00; H04N-005/00; H04N-005/7826; H04Q-009/00
File Segment: EPI

11/5/13   (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014499729   **Image available**
WPI Acc No: 2002-320432/200236
Related WPI Acc No: 1998-578830; 2002-102921; 2002-310547; 2002-310548;
   2002-310549; 2002-310552; 2002-320428; 2002-320429; 2002-320430;
   2002-320431; 2002-320543; 2002-320668
XRPX Acc No: N02-250980

Remote control **for TV receiver, produces** e – mail **which indicates control completion, when control operation is executed by CPU**
Patent Assignee: SONY CORP (SONY)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2001333469	A	20011130	JP 9764230	A	19970318	200236	B
			JP 200199898	A	19970318		

Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199898 A
   19970318
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001333469	A		10	H04Q-009/00	Div ex application JP 9764230

Abstract (Basic): JP 2001333469 A
        NOVELTY - A CPU (22a) controls an electronic device based on
   control **command** extracted from an **e – mail** when control operation
   is executed normally, an **e – mail** which indicates control completion
   is produced. A network is located and a signal corresponding to control
   information included in the produced **e – mail** is transmitted by a
   transmitter (26).
        DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
   remote control method.
        USE - For TV receiver and video recorder.
        ADVANTAGE - Enables correct control of the equipment even from
   remote place.
        DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
   the remote control. (Drawing includes non-English language text).
        CPU (22a)
        Transmitter (26)
        pp; 10 DwgNo 1/11
Title Terms: REMOTE; CONTROL; TELEVISION; RECEIVE; PRODUCE; MAIL; INDICATE;
   CONTROL; COMPLETE; CONTROL; OPERATE; EXECUTE; CPU
Derwent Class: T01; W01; W03; W04; W05
International Patent Class (Main): H04Q-009/00
International Patent Class (Additional): G06F-013/00; G11B-015/02
File Segment: EPI

   11/5/14   (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014499728   **Image available**
WPI Acc No: 2002-320431/200236
Related WPI Acc No: 1998-578830; 2002-102921; 2002-310547; 2002-310548;
   2002-310549; 2002-310552; 2002-320428; 2002-320429; 2002-320430;
   2002-320432; 2002-320543; 2002-320668
XRPX Acc No: N02-250979
   Remote control **apparatus for TV receiver, transmits replay** e – mail
   **indicating control incompletion when judging that remote control of
   electronic device is not possible**
Patent Assignee: SONY CORP (SONY)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2001333468	A	20011130	JP 9764230	A	19970318	200236	B
			JP 200199897	A	19970318		

Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199897 A
   19970318
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001333468	A		10	H04Q-009/00	Div ex application JP 9764230

Abstract (Basic): JP 2001333468 A
        NOVELTY - A controller controls an electronic device using an IR
   transmitter (26) and the control interface (23) based on the control

command extracted from a received **e - mail** . A replay **e - mail**
indicating incomplete control operation is transmitted to the public
circuit (2), when control process of an electronic device is not
possible.
    DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
remote control method.
    USE - For electric equipment such as TV receiver and video
recorder.
    ADVANTAGE - Enables precise control of electric equipment even from
a remote place.
    DESCRIPTION OF DRAWING(S) - The figure shows the component diagram
of remote control apparatus. (Drawing includes non-English language
text).
    Public circuit (2)
    Control interface (23)
    IR transmitter (26)
    pp; 10 DwgNo 1/11
Title Terms: REMOTE; CONTROL; APPARATUS; TELEVISION; RECEIVE; TRANSMIT;
  REPLAY; MAIL; INDICATE; CONTROL; JUDGEMENT; REMOTE; CONTROL; ELECTRONIC;
  DEVICE; POSSIBILITY
Derwent Class: T01; W01; W03; W05
International Patent Class (Main): H04Q-009/00
International Patent Class (Additional): G06F-013/00; G11B-015/02
File Segment: EPI

11/5/15   **(Item 11 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014499727   **Image available**
WPI Acc No: 2002-320430/200236
Related WPI Acc No: 1998-578830; 2002-102921; 2002-310547; 2002-310548;
  2002-310549; 2002-310552; 2002-320428; 2002-320429; 2002-320431;
  2002-320432; 2002-320543; 2002-320668
XRPX Acc No: N02-250978
  Remote control **apparatus for** television , **video** recorder , **transmits**
  e - mail **containing reply information to transmitting element of control**
  information
Patent Assignee: SONY CORP (SONY)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2001333467	A	20011130	JP 9764230	A	19970318	200236	B
			JP 200199896	A	19970318		

Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199896 A
  19970318
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001333467	A		10	H04Q-009/00	Div ex application JP 9764230

Abstract (Basic): JP 2001333467 A
    NOVELTY - A control command included in control information, is
extracted. A controller controls predetermined electronic device based
on extracted control **command** . An **e - mail** containing reply
information is produced based on control result of controller and the
e - mail is transmitted to the transmitting element of control
information.
    DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
remote control method.
    USE - For electrical and electronic equipment such as television,
video recorder, etc.
    ADVANTAGE - Enables precise control of equipment even from remote
place, by transmitting **e - mail** including reply information to
transmitting element of control information.
    DESCRIPTION OF DRAWING(S) - The figure shows the components of
remote control apparatus. (Drawing includes non-English language text).

pp; 10 DwgNo 1/11
Title Terms: REMOTE; CONTROL; APPARATUS; TELEVISION; VIDEO; RECORD;
  TRANSMIT; MAIL; CONTAIN; REPLY; INFORMATION; TRANSMIT; ELEMENT; CONTROL;
  INFORMATION
Derwent Class: T01; W01; W03; W04; W05
International Patent Class (Main): H04Q-009/00
International Patent Class (Additional): G06F-013/00; G11B-015/02
File Segment: EPI

11/5/16   (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014499726   **Image available**
WPI Acc No: 2002-320429/200236
Related WPI Acc No: 1998-578830; 2002-102921; 2002-310547; 2002-310548;
  2002-310549; 2002-310552; 2002-320428; 2002-320430; 2002-320431;
  2002-320432; 2002-320543; 2002-320668
XRPX Acc No: N02-250977
  Remote controller **for** television **receiver, video** recorder ,
  controls **predetermined electronic device based on control command
  extracted from received** electronic   mail
Patent Assignee: SONY CORP (SONY)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 2001333466 A   20011130 JP 9764230   A   19970318 200236 B
                               JP 200199895   A   19970318

Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199895 A
  19970318
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 2001333466 A   10 H04Q-009/00   Div ex application JP 9764230

Abstract (Basic): JP 2001333466 A
     NOVELTY - An **electronic   mail** with a control   **command** which is
  sent through a public circuit (2) stored in RAM (22c) of the remote
  controller. The existence of the control command in the received mail
  is judged and the command is extracted from the mail. A CPU (22a)
  controls predetermined electronic device based on the extracted control
  command.
     DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
  remote control method.
     USE - For remotely **controlling** electronic equipment such as
  television receiver, video recorder, etc.
     ADVANTAGE - The electronic equipment is controlled accurately from
  a remote place, based on the extracted control command.
     DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
  remote controller. (Drawing includes non-English language text).
     Public circuit (2)
     CPU (22a)
     RAM (22c)
     pp; 10 DwgNo 1/11
Title Terms: REMOTE; CONTROL; TELEVISION; RECEIVE; VIDEO; RECORD; CONTROL;
  PREDETERMINED; ELECTRONIC; DEVICE; BASED; CONTROL; COMMAND; EXTRACT;
  RECEIVE; ELECTRONIC; MAIL
Derwent Class: T01; W03; W04; W05
International Patent Class (Main): H04Q-009/00
International Patent Class (Additional): G06F-013/00; G11B-015/02
File Segment: EPI

11/5/17   (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

```
014499725    **Image available**
WPI Acc No: 2002-320428/200236
Related WPI Acc No: 1998-578830; 2002-102921; 2002-310547; 2002-310548;
  2002-310549; 2002-310552; 2002-320429; 2002-320430; 2002-320431;
  2002-320432; 2002-320543; 2002-320668
XRPX Acc No: N02-250976
  Remote control apparatus for TV receiver, controls electronic
  device by supplying control signal depending on control command
Patent Assignee: SONY CORP (SONY  )
Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No      Kind   Date     Applicat No    Kind   Date     Week
JP 2001333465  A    20011130   JP 9764230       A    19970318 200236  B
                               JP 200199893     A    19970318
```

Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199893 A
  19970318
Patent Details:

```
Patent No  Kind Lan Pg   Main IPC      Filing Notes
JP 2001333465 A     10 H04Q-009/00   Div ex application JP 9764230
```
Abstract (Basic): JP 2001333465 A
        NOVELTY - An acquisition unit acquires an **e - mail** by accessing a
    predetermined server and an extractor extracts a control **command**
    included in the **e - mail** . A remote **controller** performs remote
    control of video **recorder** (27) using radio signal, depending on
    control command.
        DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
    remote control method.
        USE - For TV receiver, video recorder.
        ADVANTAGE - Eases control of electric equipment even from remote
    place by controlling the device by transmitting radio signal based on
    control command.
        DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
    remote control apparatus. (Drawing includes non-English language text).

        Video recorder (27)
        pp; 10 DwgNo 1/11
Title Terms: REMOTE; CONTROL; APPARATUS; TELEVISION; RECEIVE; CONTROL;
  ELECTRONIC; DEVICE; SUPPLY; CONTROL; SIGNAL; DEPEND; CONTROL; COMMAND
Derwent Class: T01; W03; W04
International Patent Class (Main): H04Q-009/00
International Patent Class (Additional): G06F-013/00; H04M-011/00;
  H04N-005/00; H04N-007/173
File Segment: EPI

 11/5/18   (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014489846   **Image available**
WPI Acc No: 2002-310549/200235
Related WPI Acc No: 1998-578830; 2002-102921; 2002-310547; 2002-310548;
  2002-310552; 2002-320428; 2002-320429; 2002-320430; 2002-320431;
  2002-320432; 2002-320543; 2002-320668
XRPX Acc No: N02-243401
  Remote control apparatus for video recorder , involves generating and
  transmitting to transmitter electronic mail indicating reservation
  process completion or reservation data deletion
Patent Assignee: SONY CORP (SONY)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 2001346274 A   20011214   JP 9764230   A   19970318 200235 B
                               JP 200199900   A   19970318
```

Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199900 A

19970318
Patent Details:
Patent No  Kind Lan Pg    Main IPC      Filing Notes
JP 2001346274 A      10 H04Q-009/00    Div ex application JP 9764230

Abstract (Basic): JP 2001346274 A
        NOVELTY - A controller (22) executes an **operation** reservation
    process for a video **recorder** (27) based on reservation requesting
    **control** **command** extracted from an **e - mail** from a transmitter
    (26). If the **command** indicates cancellation of the reservation data,
    the controller deletes the data. An appropriate **e - mail** is notified
    to transmitter (26) to indicate the reservation process completion or
    reservation data deletion.
        DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
    the remote control method.
        USE - For television receivers and video recorders.
        ADVANTAGE - Accurate remote **control** of video **recorder** is
    realized due to the **controller** generating **e - mail** indicating
    reservation process completion or reservation data deletion.
        DESCRIPTION OF DRAWING(S) - The figure shows component of
    remote-control apparatus. (Drawing includes non-English language text).

        Controller (22)
        Transmitter (26)
        Video recorder (27)
        pp; 10 DwgNo 2/11
Title Terms: REMOTE; CONTROL; APPARATUS; VIDEO; RECORD; GENERATE; TRANSMIT;
  TRANSMIT; ELECTRONIC; MAIL; INDICATE; RESERVE; PROCESS; COMPLETE; RESERVE
  ; DATA; DELETE
Derwent Class: T01; W03
International Patent Class (Main): H04Q-009/00
International Patent Class (Additional): G06F-013/00; H04N-005/76
File Segment: EPI


 11/5/19      (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003  Thomson Derwent. All rts. reserv.


014489845    **Image available**
WPI Acc No: 2002-310548/200235
Related WPI Acc No: 1998-578830; 2002-102921; 2002-310547; 2002-310549;
  2002-310552; 2002-320428; 2002-320429; 2002-320430; 2002-320431;
  2002-320432; 2002-320543; 2002-320668
XRPX Acc No: N02-243400
  **Remote controller for video** recorder **involves receiving** control
  command **from** e - mail **, based on which recording/cancellation of data
  is identified**
Patent Assignee: SONY CORP (SONY  )
Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No      Kind    Date     Applicat No    Kind    Date     Week
JP 2001346273  A    20011214  JP 9764230      A    19970318  200235  B
                             JP 200199899     A    19970318


Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199899 A
  19970318
Patent Details:
Patent No  Kind Lan Pg    Main IPC      Filing Notes
JP 2001346273 A      9 H04Q-009/00     Div ex application JP 9764230

Abstract (Basic): JP 2001346273 A
        NOVELTY - A CPU (22) retrieves the control **command** included in
    the **e - mail** received by a modem (21) of gateway (20). The
    appropriate control signal is transmitted to an interface (23) so that
    data recording by a video **recorder** (27) is executed. When the
    **control** command indicates cancellation of stored data, the
    corresponding data in video recorder is detected by the CPU.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
the remote control method.
        USE - For television, video recorder.
        ADVANTAGE - Accurate remote **control** of video **recorder** is
realized.
        DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
remote controller. (Drawing includes non-English language text).
        Gateway (20)
        Modem (21)
        CPU (22)
        Interface (23)
        Video recorder (27)
        pp; 9 DwgNo 2/11
Title Terms: REMOTE; CONTROL; VIDEO; RECORD; RECEIVE; CONTROL; COMMAND;
  MAIL; BASED; RECORD; CANCEL; DATA; IDENTIFY
Derwent Class: T01; W03; W04
International Patent Class (Main): H04Q-009/00
International Patent Class (Additional): G06F-013/00; H04N-005/00;
  H04N-005/76
File Segment: EPI


 **11/5/20      (Item 16 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2003  Thomson Derwent. All rts. reserv.


014489844    **Image available**
WPI Acc No: 2002-310547/200235
Related WPI Acc No: 1998-578830; 2002-102921; 2002-310548; 2002-310549;
  2002-310552; 2002-320428; 2002-320429; 2002-320430; 2002-320431;
  2002-320432; 2002-320543; 2002-320668
XRPX Acc No: N02-243399
  **Remote control for** television , **extracts** control    command **from**
  **acquired** electronic   mail **for controlling electronic device**
Patent Assignee: SONY CORP (SONY  )
Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No      Kind   Date     Applicat No    Kind   Date     Week
JP 2001346272  A    20011214  JP 9764230     A    19970318  200235  B
                              JP 200199891   A    19970318


Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199891 A
  19970318
Patent Details:
Patent No  Kind Lan Pg   Main IPC     Filing Notes
JP 2001346272 A      9 H04Q-009/00   Div ex application JP 9764230
Abstract (Basic): JP 2001346272 A
        NOVELTY - An **electronic   mail** is acquired when an acquisition
    unit accesses the server. An extraction unit extracts a control
    **command** from the acquired **electronic   mail** . A control unit (22)
    controls an electronic device, based on the control command.
        DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
    remote control method.
        USE - For television, video recorder.
        ADVANTAGE - Controls electric equipment correctly from remote
    place.
        DESCRIPTION OF DRAWING(S) - The figure shows the detailed component
    block diagram of the remote control. (Drawing includes non-English
    language text).
        Control unit (22)
        pp; 9 DwgNo 2/11
Title Terms: REMOTE; CONTROL; TELEVISION; EXTRACT; CONTROL; COMMAND;
  ACQUIRE; ELECTRONIC; MAIL; CONTROL; ELECTRONIC; DEVICE
Derwent Class: T01; W03
International Patent Class (Main): H04Q-009/00
International Patent Class (Additional): G06F-013/00; H04M-011/00;
  H04N-005/00; H04N-007/173
File Segment: EPI

014282220    **Image available**
WPI Acc No: 2002-102921/200214
Related WPI Acc No: 1998-578830; 2002-310547; 2002-310548; 2002-310549;
  2002-310552
XRPX Acc No: N02-076724
  **Remote** control **for video** recorder   controls **generation of
  appropriate** electronic   mail **indicating impossible deviation condition
  of reservation data during cancellation, and operation result after
  process execution**
Patent Assignee: SONY CORP (SONY  )
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| JP 2001346275 | A | 20011214 | JP 9764230 | A | 19970318 | 200214 | B |
| | | | JP 200199901 | A | 19970318 | | |

Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199901 A
  19970318
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|---|---|---|---|---|
| JP 2001346275 | A | | 10 | H04Q-009/00 | Div ex application JP 9764230 |

Abstract (Basic): JP 2001346275 A
     NOVELTY - A control unit (22) regulates the execution of the
  reservation process and the cancellation of the reservation data, of a
  video **recorder** , based on a control **command** from a server. A
  production unit generates an appropriate **e - mail** notifying the
  impossible deletion condition if the reservation data is not deletable
  and generates the process result after the process execution.
     DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
  remote control method.
     USE - For TV receivers and video recorders.
     ADVANTAGE - Accurate remote **control** of video **recorder** is
  realized since **controller** generates **e - mail** indicating reservation
  process result.
     DESCRIPTION OF DRAWING(S) - The figure shows the remote control
  unit. (Drawing includes non-English language text).
     Control unit (22)
     pp; 10 DwgNo 1/11
Title Terms: REMOTE; CONTROL; VIDEO; RECORD; CONTROL; GENERATE; APPROPRIATE
  ; ELECTRONIC; MAIL; INDICATE; IMPOSSIBLE; DEVIATE; CONDITION; RESERVE;
  DATA; CANCEL; OPERATE; RESULT; AFTER; PROCESS; EXECUTE
Derwent Class: T01
International Patent Class (Main): H04Q-009/00
International Patent Class (Additional): G06F-013/00; H04N-005/76
File Segment: EPI

013840143    **Image available**
WPI Acc No: 2001-324356/200134
XRPX Acc No: N01-233923
  **Remote** operation **system of household electric** appliances , **has server
  to classify** e - mail **and forwards corresponding** instruction **to
  applicable** appliances **connected to server by LAN**
Patent Assignee: ONO T (ONOT-I)
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---|---|---|---|---|---|---|

JP 2001086570 A  20010330 JP 99298677  A  19990914 200134 B

Priority Applications (No Type Date): JP 99298677 A 19990914
Patent Details:
Patent No  Kind Lan Pg   Main IPC     Filing Notes
JP 2001086570 A     3 H04Q-009/00

Abstract (Basic): JP 2001086570 A
        NOVELTY - The mobile apparatus (1) transmits household electric
    **appliances** operation **instruction electronic mail** to domestic
    server (3) through internet circuit (2). The server classifies the **e -
    mail** and forwards the **operation instruction** to applicable electric
     **appliances** (4-6) contacted with server by wireless LAN.
        USE - For remote **operation** of household electric **appliances**
    such as rice cooker by **electronic mail instruction** .
        ADVANTAGE - Performs efficient remote **operation** of electric
    **appliances** from outer destination using **e - mail** .
        DESCRIPTION OF DRAWING(S) - The figure shows block diagram of
    remote operation system. (Drawing includes non-English language text).
        Mobile apparatus (1)
        Internet circuit (2)
        Server (3)
        Electric appliances (4-6)
        pp; 3 DwgNo 1/1
Title Terms: REMOTE; OPERATE; SYSTEM; HOUSEHOLD; ELECTRIC; APPLIANCE; SERVE
    ; CLASSIFY; MAIL; FORWARD; CORRESPOND; INSTRUCTION; APPLY; APPLIANCE;
    CONNECT; SERVE; LAN
Derwent Class: W05
International Patent Class (Main): H04Q-009/00
File Segment: EPI


 **11/5/25     (Item 21 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2003  Thomson Derwent. All rts. reserv.

013700873    **Image available**
WPI Acc No: 2001-185097/200119
XRPX Acc No: N01-132146
    **Automatic remote control system for household electric** appliance ,
    **extracts** command **data and apparatus code from** e - mail **in natural
    language, received by controller and regulates operation of corresponding
    apparatus**
Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ  )
Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No      Kind    Date    Applicat No    Kind   Date     Week
JP 2000330883  A    20001130 JP 99135809      A    19990517  200119  B

Priority Applications (No Type Date): JP 99135809 A 19990517
Patent Details:
Patent No  Kind Lan Pg   Main IPC     Filing Notes
JP 2000330883 A     10 G06F-013/00

Abstract (Basic): JP 2000330883 A
        NOVELTY - The received **electronic mail** ( **e - mail** ) (8)
    consisting of control **command** information in natural language for
    apparatuses (1a-1c), is sent to controller (3). The apparatus code is
    specified by telegraphic message decipherment unit (3b) and  **command**
    data is obtained by **command** production unit (3c) from received **e -
    mail** . The controller transmits **command** data and regulates the
    corresponding apparatus.
        USE - Automatic remote **control** system for household electric
    **appliance** such as air conditioner, television, video tape recorder
    (VTR).
        ADVANTAGE - The **operation** of electric **appliances** can be easily
    regulated by **controller** , based on **electronic mail** received in
    natural language from remote place.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of
automatic remote control system.
        Apparatuses (1a-1c)
        Controller (3)
        Telegraphic message decipherment unit (3b)
        Command production unit (3c)
        **Electronic    mail** (8)
        pp; 10 DwgNo 1/9
Title Terms: AUTOMATIC; REMOTE; CONTROL; SYSTEM; HOUSEHOLD; ELECTRIC;
  APPLIANCE; EXTRACT; COMMAND; DATA; APPARATUS; CODE; MAIL; NATURAL;
  LANGUAGE; RECEIVE; CONTROL; REGULATE; OPERATE; CORRESPOND; APPARATUS
Derwent Class: T01; W01
International Patent Class (Main): G06F-013/00
International Patent Class (Additional): H04L-012/54; H04L-012/58
File Segment: EPI


   **11/5/29       (Item 25 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2003  Thomson Derwent. All rts. reserv.


012161918    **Image available**
WPI Acc No: 1998-578830/199849
Related WPI Acc No: 2002-102921; 2002-310547; 2002-310548; 2002-310549;
  2002-310552; 2002-320428; 2002-320429; 2002-320430; 2002-320431;
  2002-320432; 2002-320543; 2002-320668
XRPX Acc No: N98-451572
   **Receiver for** electronic    mail **by which e.g.  TV  receiver, video deck
   is** controlled **- has CPU which controls operation of predetermined
   electrical equipment e.g. video deck according to control command
   extracted from** electronic    mail **received by modem**
Patent Assignee: SONY CORP (SONY  ); HIRATA S (HIRA-I)
Inventor: HIRATA S
Number of Countries: 002  Number of Patents: 004
Patent Family:
Patent No       Kind    Date      Applicat No      Kind    Date       Week
JP 10261251     A       19980929  JP 9764230       A       19970318  199849  B
US 20010013122  A1      20010809  US 9839922       A       19980316  200147
US 6374406      B2      20020416  US 9839922       A       19980316  200232
US 20030079231  A1      20030424  US 9839922       A       19980316  200330
                                  US 200129238     A       20011228
Priority Applications (No Type Date): JP 9764230 A 19970318
Patent Details:
Patent No   Kind Lan Pg    Main IPC      Filing Notes
JP 10261251    A      11  G11B-015/02
US 20010013122 A1         G06F-013/00
US 6374406     B2         H04N-005/50
US 20030079231 A1         H04N-007/173  Div ex application US 9839922
                                        Div ex patent US 6374406

Abstract (Basic): JP 10261251 A
        The receiver has a modem (21) which receives an  **electronic    mail**
    transmitted via a network. A CPU (22a) extracts a control command
    presently inserted into the received  **electronic    mail** .
        The CPU controls the operation of a predetermined electrical
    equipment e.g. video deck (27) based on the extracted control  **command**
    . Preferably, the CPU produces a response  **electronic    mail** based on
    the equipment control operation result.
        ADVANTAGE - Ensures accurate and fast controlling of equipment even
    from remote place, by using control  **command** extracted from received
    **electronic    mail** .
        Dwg.1/11
Title Terms: RECEIVE; ELECTRONIC; MAIL; TELEVISION; RECEIVE; VIDEO; DECK;
  CONTROL; CPU; CONTROL; OPERATE; PREDETERMINED; ELECTRIC; EQUIPMENT; VIDEO
  ; DECK; ACCORD; CONTROL; COMMAND; EXTRACT; ELECTRONIC; MAIL; RECEIVE;
  MODEM
Derwent Class: T01; W01; W04
International Patent Class (Main): G06F-013/00; G11B-015/02; H04N-005/50;

**11/5/30     (Item 26 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2003  Thomson Derwent. All rts. reserv.

011805020    **Image available**
WPI Acc No: 1998-221930/199820
XRPX Acc No: N98-175787
  **Remote** management **system for** operation  control **of** appliances **like**
  **air-conditioner, illumination units installed in building - has process**
  **unit which processes** E - mail **and outputs process result to central**
  **controller as** instruction
Patent Assignee: DAIDAN KK (DAID-N)
Number of Countries: 001  Number of Patents: 002
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| JP 10063724 | A | 19980306 | JP 96216300 | A | 19960816 | 199820 | B |
| JP 3035225 | B2 | 20000424 | JP 96216300 | A | 19960816 | 200025 | |

Priority Applications (No Type Date): JP 96216300 A 19960816
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|-----|----------|--------------|
| JP 10063724 | A | | 18 | G06F-017/60 | |
| JP 3035225 | B2 | | 18 | G06F-017/60 | Previous Publ. patent JP 10063724 |

Abstract (Basic): JP 10063724 A
       The system (11) includes a processing unit (31) which receives an
  E - mail  process request through a network (25). The process unit
  processes the  E - mail  and the process result is output to a central
  controller (33) as an instruction. The central controller sets up the
  operation schedule, collects information and  **controls**  the  **operation**
  of an  **appliance**  based on the  **instruction** .
       ADVANTAGE - Shortens processing time. Facilitates  **operation**
  **control**  of  **appliances**  without manual work.
       Dwg.2/18
Title Terms: REMOTE; MANAGEMENT; SYSTEM; OPERATE; CONTROL; APPLIANCE; AIR;
  CONDITION; ILLUMINATE; UNIT; INSTALLATION; BUILD; PROCESS; UNIT; PROCESS;
  MAIL; OUTPUT; PROCESS; RESULT; CENTRAL; CONTROL; INSTRUCTION
Derwent Class: T01
International Patent Class (Main): G06F-017/60
International Patent Class (Additional): G06F-013/00; G06F-017/28
File Segment: EPI

05383832     **Image available**
AUTOMATIC NUMBERING METHOD USING ELECTRONIC MAIL

PUB. NO.:        08-339332  [JP 8339332  A]
PUBLISHED:       December 24, 1996 (19961224)
INVENTOR(s):     MIYOSHI KAZUAKI
APPLICANT(s):    NEC CORP [000423] (A Japanese Company or Corporation), JP
                 (Japan)
APPL. NO.:       07-169291  [JP 95169291]
FILED:           June 12, 1995 (19950612)
INTL CLASS:      [6]  G06F-013/00 ;  G06F-013/00 ; H04L-012/54; H04L-012/58
JAPIO CLASS:     45.2 (INFORMATION PROCESSING -- Memory Units); 44.3
                 (COMMUNICATION -- Telegraphy)

ABSTRACT
PURPOSE:  To  attain  an automatic numbering operation at a remote place by
utilizing  an  electronic  mail  system  that  can send the messages to the
remote  places  regardless  of  the  difference of architectures or network
forms among the machines (computers).

CONSTITUTION:  A  user  desiring  an automatic numbering operation sends an
 electronic     mail  describing a numbering  command  to a server  machine
2  from  a  client  machine  3-4  via a personal communication network 6, a
gateway  5  and  an  internet  4.  The  machine   2  actuates  a numbering
 management  application  program when the  electronic   mail  is received
from  the  machine  3-4.  This  application  program extracts the numbering
 command   out  of the  electronic   mail  and has an access to a numbering
ledger  1  which  stores  the  hitherto  numbering  states  to  perform the
numbering  operation.  Then  the  result  of  this numbering  operation  is
informed to the requester  machine  3-4 by an  electronic    mail .

04553037     **Image available**
DOCUMENT AUTOMATIC FLOW EQUIPMENT

PUB. NO.:        06-224937  [JP 6224937  A]
PUBLISHED:       August 12, 1994 (19940812)
INVENTOR(s):     KOGURE MAKOTO
APPLICANT(s):    OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or
                 Corporation), JP (Japan)
APPL. NO.:       05-010727  [JP 9310727]
FILED:           January 26, 1993 (19930126)
INTL CLASS:      [5] H04L-012/54; H04L-012/58;  G06F-015/20 ;  G06F-015/21
JAPIO CLASS:     44.3 (COMMUNICATION -- Telegraphy); 45.4 (INFORMATION
                 PROCESSING -- Computer Applications)
JOURNAL:         Section: E, Section No. 1629, Vol. 18, No. 593, Pg. 99,
                 November 11, 1994 (19941111)

ABSTRACT
PURPOSE: .To  eliminate  the  need  for  setting of a destination (address)
through  the operation of an entry device at every transmission of document
data.
CONSTITUTION: The document automatic flow equipment has an entry device and
when the entry device is operated to enter document data, the document data
are  stored  in  a data storage section 15. Furthermore, the flow equipment
has a flow path storage section 32 storing data of a document flow path and
a  document  storage  device  33  generating  a  directory  for  each  flow
destination  and  saving  the document data of the document being delivered
and data of the flow path under the directory for each document. Thus, when
the entry  device  is operated to enter an  electronic   mail  transmission

command , a document flow processing section 35 copies the document data and the data of flow path between relevant directories according to the flow path of the document stored in the flow path storage section 32. Then an arrival document monitor processing section 36 monitors whether or not the document data and the data of flow path transferred to its own directory are in existence.


**21/5/21      (Item 21 from file: 347)**
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04518185      **Image available**
ELECTRONIC MAIL TERMINAL EQUIPMENT

PUB. NO.:       06-162085  [JP 6162085  A]
PUBLISHED:      June 10, 1994 (19940610)
INVENTOR(s):    HATTORI MICHIMITSU
                FURUICHI SEIICHI
APPLICANT(s):   PFU LTD [366680] (A Japanese Company or Corporation), JP
                (Japan)
APPL. NO.:      04-312129  [JP 92312129]
FILED:          November 20, 1992 (19921120)
INTL CLASS:     [5]  **G06F-015/40** ;  **G06F-013/00** ; H04L-012/54; H04L-012/58
JAPIO CLASS:    45.4 (INFORMATION PROCESSING -- Computer Applications); 44.3
                (COMMUNICATION -- Telegraphy); 45.2 (INFORMATION PROCESSING
                -- Memory Units)
JOURNAL:        Section: P, Section No. 1799, Vol. 18, No. 489, Pg. 103,
                September 12, 1994 (19940912)

ABSTRACT
PURPOSE: To provide the **electronic mail** terminal **equipment** which has a function for **managing** plural kinds of **electronic mail** lists of each separate other party for transmitting and receiving an electronic mail and each separate time of the transmission/reception processing, etc., and can grasp easily and quickly a transmitting/ receiving state of the electronic mail conforming to an arbitrary intended condition.

CONSTITUTION: The equipment is provided with a retrieving part 5 of an electronic mail for executing a processing for retrieving a transmitting/receiving state of the electronic mail corresponding to a retrieval condition designated by a user and informing an electronic mail list managing part 8 of its result, and a state searching part 4 of the electronic mail for executing a processing for searching the latest state of the electronic mail which executes the transmitting/receiving processing and informing the electronic mail list managing part 8 of its result. In such a state, with respect to an arbitrary electronic mail list for showing the transmitting/receiving state of the electronic mail of a result of processing executed by the state searching part 4 or the retrieving part 5, based on an **instruction** given from the user, the **electronic mail** list managing part 8 manages plural kinds thereof by the **instruction** , and they are updated, based on the latest transmitting/receiving state, and also, can be referred to arbitrarily by the instruction.

**21/5/22      (Item 22 from file: 347)**
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04344462      **Image available**
INFORMATION TRANSFER SYSTEM

PUB. NO.:       05-336162  [JP 5336162  A]
PUBLISHED:      December 17, 1993 (19931217)
INVENTOR(s):    YAMAGUCHI GIICHI
APPLICANT(s):   MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or
                Corporation), JP (Japan)
APPL. NO.:      04-144371  [JP 92144371]

FILED:          June 04, 1992 (19920604)
INTL CLASS:     [5] H04L-012/54; H04L-012/58; G06F-013/00
JAPIO CLASS:    44.3 (COMMUNICATION -- Telegraphy); 45.2 (INFORMATION
                PROCESSING -- Memory Units)
JOURNAL:        Section: E, Section No. 1527, Vol. 18, No. 165, Pg. 54, March
                18, 1994 (19940318)

ABSTRACT

PURPOSE: To prevent information from being transferred to a user not
desired by a sender by allowing the sender to add a command relating to the
transfer together with an information destination and allowing an
information transfer processing section to implement processing according
to the command.

CONSTITUTION: A processing section 4 of an **electronic mail equipment**
1 receives a delivery **command** of an **electronic mail** sent from a
terminal equipment 2a being a sender and reads a destination address in a
message. Then transfer command data 6 by a terminal equipment 2b being a
recipient are checked. When the transfer destination is not commanded, the
data are stored in a mail box 5 of the recipient as it is and the
processing is finished. When a transfer command of the transfer command
data 6 comes, that is, the destination of the 3rd user is designated in
advance by the recipient the **command** of the disapproved transfer of the
**electronic mail** sent by the terminal equipment 2a is checked. When the
disapproved transfer is commanded, the electronic mail is not transferred
and the electronic mail is aborted.

 **21/5/23       (Item 23 from file: 347)**
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04097219    **Image available**
DATA PROCESSING METHOD FOR HOST COMPUTER

PUB. NO.:       05-088919  [JP 5088919  A]
PUBLISHED:      April 09, 1993 (19930409)
INVENTOR(s):    KOSHO SHINJI
APPLICANT(s):   ASHISUTO MICRO KK [000000] (A Japanese Company or
                Corporation), JP (Japan)
APPL. NO.:      03-205940  [JP 91205940]
FILED:          August 16, 1991 (19910816)
INTL CLASS:     [5] **G06F-009/46** ;  **G06F-013/00**
JAPIO CLASS:    45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units);
                45.2 (INFORMATION PROCESSING -- Memory Units)
JAPIO KEYWORD:R131 (INFORMATION PROCESSING -- Microcomputers &
                Microprocessers)
JOURNAL:        Section: P, Section No. 1589, Vol. 17, No. 432, Pg. 157,
                August 10, 1993 (19930810)

ABSTRACT

PURPOSE: To supply various services to each terminal equipment accessing a
network with multiple tasks by discriminating the processing state of a
process based on the operation history at the time of supply of process
switching information from the terminal equipment.

CONSTITUTION: When the terminal **equipment** sends a picture switching
**command** for reception of **electronic mail** service to a host system on
the way of reception of a prescribed service, an F shell 6 checks the
processing state of a mail processing process 5-1. If the process 5-1 is
not started yet it is set to the start state. If the process 5-1 is already
started and is in the input/output wait state, the F shell 6 reads out the
history information of the process 5-1 from a storage means and sends the
picture information, which indicates the processing state interrupted
before, to the terminal equipment. The restarted mail processing process
5-1 sends an input/output request to the F shell 6, and the F shell 6 sends
the processing result to the processing process 5-1.

03152356     **Image available**
KEY MANAGEMENT DEVICE

ABSTRACT
PURPOSE: To **operate** an **electronic** **mail** **device** automatically in
interlocking with the key management **operation** by connecting the key
**management** **device** and the **electronic** **mail** **device** via a
transmission line, outputting the corresponding electronic mail
automatically in interlocking with the extraction of a key and outputting a
power interruption **command** of the corresponding **electronic** **mail**
**device** in interlocking with the return of the key.

CONSTITUTION: When a magnetic card carried by a tenant resident is inserted
to a card reader 2, a password is collated, a correspondent mail box 1 is
unlocked  in the case of coincidence to attain the extraction and return of
the key.  When the tenant resident extracts the key from the mail box 1, a
power application **command** is outputted to the correspondent **electronic**
**mail**  device 5 in interlocking with the extraction and an electronic mail
is outputted automatically.  When the key is returned in the mail box, a
power interruption **command** of the correspondent **electronic** **mail**
**device**  5 is outputted in interlocking therewith. Thus, power application
to the electronic mail box, mail output and power interruption in
interlocking with the extraction/return of the key from/to the mail box are
implemented automatically timely without manual intervention.

  **Automatic document management method using electronic mail - involves
  notifying result to client** machine **corresponding to** command **in**
  electronic    mail **received by server machine through network**

Abstract (Basic): JP 8339332 A
        The method involves transmission of **electronic** **mail** de-

scribing the **command** to a server **machine** (2) from a number of
client machines (3-4) through a personal computer communication network
(6), a gate way (5) and an internet (4). The server machine notifies
the reception of the electronic mail to that particular client machine.
     The server machine is equipped with a management application
program to extract the **command** in the **electronic** **mail** . A ledger
(1) storing the present situation is accessed by the server machine.
The electronic mail describing the result is transmitted to the server
machine corresponding to the command received from the client machine.
     ADVANTAGE - Enables to manage documents automatically from remote
place through various networks having different network architecture.
Performs management using common computers such as personal computer
equipped with electronic mail function.
     Dwg.1/6
Title Terms: AUTOMATIC; DOCUMENT; MANAGEMENT; METHOD; ELECTRONIC; MAIL;
  NOTIFICATION; RESULT; CLIENT; MACHINE; CORRESPOND; COMMAND; ELECTRONIC;
  MAIL; RECEIVE; SERVE; MACHINE; THROUGH; NETWORK
Derwent Class: T01; W01
International Patent Class (Main): **G06F-013/00**
International Patent Class (Additional): H04L-012/54; H04L-012/58
File Segment: EPI


 **21/5/64      (Item 40 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2003  Thomson Derwent. All rts. reserv.

010296486     **Image available**
WPI Acc No: 1995-197746/199526
XRPX Acc No: N95-155263
  **Electronic mail system - performs operation of** E - mail **, according to
  received operation** command **demand**
Patent Assignee: NEC CORP (NIDE  )
Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No     Kind   Date     Applicat No    Kind · Date     Week
JP 7115433    A    19950502 JP 93261060     A    19931019 199526  B

Priority Applications (No Type Date): JP 93261060 A 19931019
Patent Details:
Patent No  Kind Lan Pg   Main IPC    Filing Notes
JP 7115433   A       9 H04L-012/54

Abstract (Basic): JP 7115433 A
     The **E - mail** system includes an **E - mail** **control** **device**
(11) incorporated in a host computer (10). A communication control part
(12) inside a control device receives an operation command demand,
including the communication protocol, transmitted from a terminal
equipment (A). The protocol transmitted is analyzed by an operation
command analysis part (13) and an operation demand is obtained.
     An operation checker (15) estimates the E-mail whether the
operation attribute to set up in the definition file (17) beforehand.
If the operation command demand produced by operation command analysis
part is contradictory, command respond assembly part (14) transmits an
error command to terminal equipment. If the result is not
contradictory, then operation processing part (16) operates the E-mail
in the electronic mail file M-80.
     ADVANTAGE - Provides high reliability. Performs operations
efficiently.
     Dwg.1/6
Title Terms: ELECTRONIC; MAIL; SYSTEM; PERFORMANCE; OPERATE; MAIL; ACCORD;
  RECEIVE; OPERATE; COMMAND; DEMAND
Derwent Class: T01; W01
International Patent Class (Main): H04L-012/54
International Patent Class (Additional): **G06F-013/00** ; H04L-012/58
File Segment: EPI

009413907
WPI Acc No: 1993-107418/199313
XRPX Acc No: N93-081709
  **Method for interchange of electronic in-basket mail - requiring
  travelling users to access computer with communication link to their
  home-based system**
Patent Assignee: ANONYMOUS (ANON  )
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| RD 346046 | A | 19930210 | RD 93346046 | A | 19930120 | 199313 | B |

Priority Applications (No Type Date): RD 93346046 A 19930120
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|-----|----------|--------------|
| RD 346046 | A | | 1 | G06F-000/00 | |

Abstract (Basic): RD 346046 A
     There has been an abundant use of facsimile machines by businesses.
Typically, hotels, restaurants, airports, etc. have facsimile machines
available for the general public. Users retrieve specific electronic
mail items which are sent to them via a facsimile device. The facsimile
device is used to access their **electronic   mail** service. Users
direct **commands** to a mail system via the facsimile device. Specific
mail items are transferred over asynchronous links to facsimile
devices; thus users access their electronic mail baskets remotely.
     A special Mail Form Processor (FMFP) Service receives facsimile
documents and determines if they are specialised form document. The
facsimile document is received as basic image documents. Invocation of
a Form Evaluation Service determines if the document is of a designated
form type. This allows users to carry these paper forms, instead of a
computer, and to receive their mail remotely. The service allows user
to request a post operation function. The users may have the
confirmation notices sent to the originator after a successful
facsimile transmittal of the message. This method takes the approach of
integrating textual mail entries with image documents for electronic
mail access. This method allows existing facsimile machines to be
utilised for **electronic   mail   commands** .
     ADVANTAGE - Enables FAX **machine** to **direct   commands** to user's
**electronic   mail** system.
     Dwg.0/0
Title Terms: METHOD; INTERCHANGE; ELECTRONIC; BASKET; MAIL; REQUIRE; TRAVEL
 ; USER; ACCESS; COMPUTER; COMMUNICATE; LINK; HOME; BASED; SYSTEM
Derwent Class: T01; W02
International Patent Class (Main): **G06F-000/00**
File Segment: EPI

**Users demanding help in managing big E-mail nets**
Byline:  Bob Brown, Senior Editor and Wayne Eckerson, Senior Editor
Journal:  Network World          Page Number:  1
Publication Date:  February 08, 1993
Word Count:  972      Line Count:  70
Caption(s):      Graphic, Levels of multivendor E-mail management, by Susan
J. Champeny
Text:
Gregg  Lauderbaugh,  project  manager for Baxter Healthcare Corp., learned
it's easier to build a corporate E-mail network than manage one.
    To support multiple electronic mail systems and 5,000 users worldwide,
Baxter has been forced to develop its own programs that track addresses and
equipment and ensure acceptable uptime and reliability.
    ''We've  had  to build our own tools to automate and manage our E-mail
network because there are few prôducts on the market,'' Lauderbaugh said.
    Other  users  agreed  and  said they have started pushing suppliers to
deliver  new  management  tools. ,Vendors are starting to respond, but they
acknowledge there is much work to be done.
    Given  the growing size, complexity and strategic importance of E-mail
nets,  as  well as the downsizing of mainframe- and minicomputer-based mail
systems to local-area nets, management is becoming a critical issue.
    '' E - mail  is expected to be used increasingly to **carry**  strategic
business  information and to **transport**  **commands**  between applications,''
said  John  Rymer,  a vice president at the Patricia Seybold Group, Inc., a
Boston  consultancy.  ''Without  management,  this  type of messaging won't
fly.''
    Users  want  products  that  can centrally update directories, monitor
traffic  and  control  E-mail  net components, such as gateways and message
transfer  agents (MTA). They also want tools for handling chargebacks, file
attachments  and  remote  users,  as  well  as  have  such  tools be better
integrated with existing management systems.
    Toward  that  end,  Baxter has designed one program that automatically
checks  the  status  of  modem  pools  dedicated to remote E-mail users and
another  for  updating  its central and outlying E-mail directories. One of
the  few commercial products it uses is an offering from Automated Business
Solutions,  Inc.  of Columbia, Mo., that monitors communication between the
company's E-mail hub and remote post offices.
    The  biggest  headache  for  JP  Morgan  & Co., which has seven E-mail
systems  serving  14,000  employees  worldwide,  is  keeping  directories
synchronized.
    ''Managing  directories  is time-consuming and requires lots of manual
intervention,''  said  Penny  McLaughlin,  manager  of global messaging and
E-mail integration at JP Morgan.
    The  firm  has  written  batch  programs  for  updating  individual
directories  and  storing  updates centrally, but remote LAN administrators
must import the changes to their local mail systems.
    An  E-mail manager at another Northeastern financial services firm who
requested  anonymity  said  E-mail  vendors  need to provide tools that can
''isolate  application  problems  from  network  problems.'' Several times,
E-mail  server  files  have  been  corrupted  by  what  the  E-mail manager
suspected were network bugs.
    Chuck  Stegman,  product manager for Lotus Development Corp.'s cc:Mail
division,  said  most E-mail vendors are only beginning to deploy tools for
monitoring  their  own  E-mail  systems,  never  mind other  vendors' (see
graphic, page 1).
    The  cc:Mail  division  is  building features into its E-mail software
that automate administrative procedures, such as handling backups of remote
E-mail  servers  and  deleting  old messages. For integrated net and E-mail
management,  Stegman  said  some  users  want cc:Mail to incorporate Simple
Network  Management  Protocol  agents  so users could monitor the status of
both E-mail and network components via existing SNMP-based managers.
    Retix, a Santa Monica, Calif., E-mail software vendor, has also jumped
into  the  management fray with new software that uses Retix X.400 gateways

to enable directory synchronization across multiple E-mail systems.

Another new package provides centralized management of the company's OpenServer 400 MTAs and will be enhanced to support other vendors' MTAs.

Hewlett-Packard Co. plans to support E-mail management under its OpenView net management platform and has demonstrated an OpenView application for managing HP X.400 MTAs. HP is working with users to determine which features to support and has yet to set a date for product availability.

Soft-Switch, Inc. of Wayne, Pa., offers Mail Monitor, a personal computer-based tool that ensures E-mail net components are active and details how long it takes messages to reach their destination.

While Mail Monitor lets administrators respond more quickly to problems, it does not isolate, troubleshoot or give managers the ability to resolve them. Soft-Switch has begun to provide some of those tools in its Unix-based Enterprise Mail Exchange hub.

More E-mail management help is on the way from the standards community. The International Federation of Information Processing, a professional group, is attempting to put together a set of multivendor E-mail management standards by midyear, which it hopes to see adopted as an international standard.

TEXT:

The saying goes, "You never get a second chance to make a first impression." Attendees at NetWorld Boston, held at the Hynes Convention Center, were greeted on the main floor by a bunch of clowns-at the Novell booth. That should be explained: the Novell theme this year, quite literally, was a circus. Complete with clowns in big shoes. Novell's presentation covered the three rings of network management: enterprise, network, NetWare.

The Novell booth was symptomatic of a greater trend toward blustery skits at this year's Boston expo, a trend continued from the Dallas show. Sit through the presentation, get a hat, a T-shirt, or a stuffed animal. WordPerfect hats were rampant. Novell stuffed animals roved the floor. Microsoft gave out shirts after attendees watched the show's most entertaining Presentation, an interactive video featuring a character based on Captain Kangaroo's "Fred on Channel One." Some skits just got the company image across, like the seafaring one at Digital Equipment Corp.'s (DEC) booth. Some were just nasty to the competition, like Sitka's mudslinging fest touting 10Net, which it licenses from Tiara, which bought it from DCA. It is, after all, an election year.

While NetWorld is a product showcase, much more is included in the package. Vendors and publications sponsored a surfeit of parties. Multitudinous awards ceremonies took place, including for LAN Magazine's own Products of the Year. Meetings and press conferences were booked almost around the clock. Certification programs-Novell's CNE and Landa's Netwerc-had a big presence, and the number of participants in each are growing quickly. (If every CNE lost 20 pounds on a diet, the total weight lost could make 1,500 new, average adults.)

PRE-SHOW FLU

With visions of the Michaelangelo virus dancing in its head, the mammoth Novell booth fell victim to a virus just before show opening. The nearby Cheyenne Software booth was within earshot, and Cheyenne staff went to the Novell exhibit to help the ailing LAN. It seems Cheyenne is working on a new anti-virus product' You might guess the rest; it was quite a way to beta test software, but it worked. Relieved Novell techs offered thanks for avoiding disaster.

ON THE FLOOR

On the trade show floor, it was hard to tell who had the most acreage: Novell, Microsoft, IBM, or DEC. All were packed to capacity, excepting a slow spell on the first day of exhibits. More than 30,000 people braved the bitter cold winds of Boston to see 365 companies hawking their latest LAN wares. That's up 10,000 from last year, despite the deepening recession. (No Bank of New England attendees this year.) In order to see every vendor on the show floor, a frenzied attendee would have to spend 30.4 seconds at each booth, not counting the booths that were tucked away in a ballroom at the Sheraton next door to the convention center.

Probably the biggest news happened just prior to the show, which was in sharp contrast to last year's fun of actually having news at the show. Reporters fondly recalled the good old days of the IBM/novell and Lotus/cc:Mail deals, announced at the last NetWorld. But really-big-news-sniffing hounds had to be satisfied with Novell's pre-show announcement of its NetWare Management Services, a graphical network management application designed to run on Windows and OS/2. NetWare Management Services offers central monitoring, mapping, and control of network resources and serves as a framework for adding functionality.

For NetWorld, Novell broke the news that it is strengthening its existing relationship with DEC, rounding out its alliances with the host of

major minicomputer vendors. DEC will support NetWare via Pathworks as a part of the companies' pact to "meet customer needs for increased ease of use and interoperability between products." NetWare services will be available on Pathworks for VMS, Ultrix, and OSF/L.

DEC made a similar agreement with Novell foe Microsoft. Microsoft will license Windows NT to DEC, and DEC will include Windows NT as client and server options for Pathworks. DEC will also resell Microsoft's networking products.

THE REWARDS OF PATIENCE

In the "It's Finally Here" category, Datapoint announced the availability of ArcnetPlus. It took almost a decade after John Kennedy announced a goal of sending a man to the moon for it to happen. ArcnetPlus beat NASA by about seven years. The Datapoint press conference was crowded with Arcnet vendors; some trade press also attended the SRO event. Of the latter, one or two of the more vituperative sorts pounded Datapoint director of marketing Robert Hollingsworth with questions; Hollingsworth handled these outbursts with aplomb.

For those who have forgotten, ArcnetPlus is a 20mbps technology that is backwardly compatible with standard Arcnet. When used on a network, an ArcnetPlus node will communicate at 20mbps with another ArcnetPlus node and at 2.5Mbps with a regular Arcnet node. The hardware comes with software drivers for NetWare 2.2 and 3.11 and works in 8- or 16-bit mode. The goods are available and shipping now.

The ArcnetPlus PC LAN Adapter lists for $995. Two hubs-one five port and one 16-port-list for $1,195 and $2,995, respectively. Datapoint certainly isn't lowballing with these prices, and they're not the only game in town (don't forget Thomas-Conrad's 100mbps Arcnet-like TCNS), but the market has a wonderful resiliency in making room for new products. Hollingsworth and company are busy making deals with distributors to carry the products. According to Hollingsworth, "I can't say who, but we are talking with regional distributors who specialize in LANS." Vitek, Westcon, and PDCistributing come to mind. Datapoint plans to sell its chip sets to interested manufacturers.

PALM IT

You're on the road, making contacts, harvesting telephone numbers, and furiously entering them into your Sharp Wizard. But when you get back to the office, what do you do? The contact information sitting in your Oracle database in the office has become outdated, and your two versions are out of sync. Oracle and Sharp have forged an alliance to end your worries. With Oracle's PalmLink, you can link your Sharp Wizard to an Oracle Card application. Oracle Card is a graphical application development environment that interfaces with the Oracle database.

Oracle Card can also link to Oracle*Mail, Lotus cc:Mail, and Microsoft Mail through the company's Post Card. With the Post Card API, developers can include messaging into Oracle Card applications. Oracle Card users can send and retrieve images, files, and text. They can even do so from their Sharp Wizards.

LOADING ZONE

Tape backup has come a long way in the past few years. Several companies have written good software that automates the backup process from a "thinking" point of view. But in all the clamor of automating processes, we sometimes forget about automating the mechanics of certain tasks. That's what two companies-Palindrome and ADIC-offered at NetWorld.

Palindrome is shipping its FAST 5000 AutoLoader tape driver, loader and software system for NetWare. The unit itself is in a vertical configuration, holds 10 tapes, and changes them automatically, **jukebox** -style, allowing unattended backups. Backup capacity is 50GB. The software knows where all the files are hiding, and the mechanism puts in the correct tape. Commands are sent via MHS, so users can send requests to the unit via **e - mail** .

This firm also announced that its software, The Network Archivist, will be available in a NetWare Loadable Module (NLM) version, but it isn't saying when. Company sources say it isn't a response to Cheyenne's Arcserve. What's nice is that The Network Archivist is compatible with all of the Palindrome family of tape drives, including the AutoLoader. ADIC'S new product, dubbed the Autochanger, is currently available for NetWare networks and holds up to 96GB, It's based on HewlettPackard's 4mm data compression drive and handles 12 data cartridges. The combo platter in this

case is ADIC hardware and Cheyenne software. Cheyenne says this is not a response to Palindrome.

## GOING UPSCALE

NetWorld is always a good place to recalibrate your industry compass. 3Com is back on the charts with a $75 million bullet. Just prior to NetWorld, that price bought 3Com the data networking products business of U.k.-based BICC Group. (The deal was $25 million in stock plus 500,000 shares of 3Com common stock. See "Channel News" on page 208.)

So now 3Com has the Isolan product line that includes Ethernet and FDDI equipment, repeaters, bridges, transceivers, and network management, but not wireless LANs. Security was the issue at the chain linked 3Com booth, and Linkbuilder 3ECS hub/security system, originally a BICC product, was the feature. With the acquisition of products and channels, 3Com now is poised for organization-wide product growth.

The "E" word (enterprise) was on the lips of personnel at the D-link booth. It is moving upmarket also, with a line of local and remote bridges that offer a filtering rate of 20,000 packets per second, and a forwarding rate of 12,000 packets per second. Another new product, D-view SNMP management software that works in the Windows 3.0 environment, will manage all local and remote internetworking devices.

Card and hub vendors are still having a good time, but everyone is claiming to sell more than anyone else. Who's right is less important than what's new. Thomas-Conrad, for instance, released its shielded twisted-pair version of TCNS cards. It also announced a new Micro Channel version of the card. You get 100mbps today, without waiting for the standards committees to decide the details of FDDI over copper.

## BUNDLE UP

The latest addition to the bundled world of network starter kits is the Eagle/Futurus alliance. Eagle was one of the first out of the box with a network-in-a-box; NetWare Lite, cables, and cards. Meanwhile, Xircom put out cables, pocket adapters, NetWare Lite, and Notework E-mail in a box that opens suspiciously like a box of Legos. Eagle's answer is to include Futurus' Lite Mail software. Eagle's nest may be intertwined with Novell's aerie, but they are flying fine on their own. The bundle, Eagle hopes, will add to its significant sales of Ethernet products.

Other companies broke new ground as well. Brightwork Development, for instance, has always been interested in providing network enhancement products. Now the company has released software called LAN Server Watch, a management oriented product for minimizing server downtime. The product monitors normal and abnormal performance of NetWare 2.x and 3.x LANS. Yes, there are plenty of other monitoring products out there, but the price is low ($695 per server), and technical jargon is mercifully translated for the LAN administrator. It automatically sets alarm thresholds, too, but these can be customized. It's based on Windows 3.0, and problems are solved using a "problem ticket" metaphor.

Cheyenne introduced FAXserve, a fax server system that runs on the file server as an NLM. You get what you might expect from such a package: scheduling for off-peak hours, audit trail capability, Intel compatibility, and more. The fact that the product is an NLM lets NetWare come into play. For example, audit trails can be hooked into the NetWare accounting feature; scheduling can be tied into the NetWare queuing system. Bindery rights dictate who can see the log or distribute incoming faxes. You can use MHS e-mail to transmit messages, too.

The best product that was not at the show was the stuff good rumors are made of. It was thrown around that Novell is currently working on a server that will handle up to 2,700 workstations. Yes, all that goes on a single server. But will it handle as many NLMS?

COPYRIGHT 1992 Miller Freeman Inc.

```
File   16:Gale Group PROMT(R) 1990-2000/Aug 23
             (c) 2000 The Gale Group
File  160:Gale Group PROMT(R) 1972-1989
             (c) 1999 The Gale Group
File   47:Gale Group Magazine DB(TM) 1959-2000/Aug 23
             (c) 2000 The Gale group
File   80:TGG Aerospace/Def.Mkts(R) 1986-2000/Aug 23
             (c) 2000 The Gale Group
File  111:TGG Natl.Newspaper Index(SM) 1979-2000/Aug 23
             (c) 2000 The Gale Group


Set      Items      Description
S1     3146883     REMOT? OR NETWORK? OR INTERNET OR WWW OR WORLD()WIDE()WEB -
                   OR (WIDE OR LOCAL)()AREA()NETWORK? OR WAN OR DISTANT OR DISTR-
                   IBUT?
S2      641874     SEND OR SENDING OR SENDS OR TRANSMIT? OR TRANSMISSION? ?
S3     3308966     COMMAND? OR INSTRUCTION? OR DIRECTION? OR OPERATION? ? OR -
                   SIGNAL? ? OR ACTIVAT? OR EXECUT? OR REQUEST? OR TURN?()ON
S4     2057427     CONTROLLER? OR MANAGER? OR DIRECTOR?
S5     3721251     DEVICE? OR UNIT? ? OR PERIPHERALS? ? OR VIDEO()DECK? ? OR -
                   APPARATUS OR EQUIPMENT?
S6     1203688     APPLIANCE? ? OR (HOME OR HOUSE)(3N)APPLIANCE? OR STOVE? ? -
                   OR MICROWAVE OR LIGHTS OR LIGHTING OR VCR OR TV OR TELEVISION
S7         257     ELECTRIC?()POWER()GRID? ?
S8        2446     (SMART OR INTELLIGENT)(3N)(HOUSE? OR HOME?)
S9     4302973     EMBED? OR COMBIN? OR AFFIX? OR ADJOIN? OR JOIN? OR ATTACH? -
                   OR ADD? OR INSERT? OR AUGMENT? OR APPEND? OR INCORPORAT?
S10     404120     (ELECTRONIC OR E OR VIRTUAL)(3N)(MAIL OR MESSAGE? OR DATA -
                   OR INFORMATION) OR EMAIL
S11         55     S8(S)S10
S12         19     S11 NOT (PY=>1997 OR PD=>970318)
S13         19     RD S12 (unique items)
S14       6832     S1(5N)S2(3N)S3
S15     243932     S4(S)(S5 OR S6 OR S7)
S16      45447     S9(5N)S10
S17          1     S14(S)S15(S)S16
S18          1     S14(S)S15(S)(USING OR VIA)(3N)S10
S19          1     S18 NOT S17
S20        149     S14(S)S15
S21          6     S20(S)S10
S22          6     RD S21 (unique items)
S23          4     S22 NOT (S13 OR S17 OR S19)
S24          1     S11(S)S14
```

13/3,K/1   (Item 1 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)

04700148   Supplier Number: 46918371   (USE FORMAT 7 FOR FULLTEXT)
The ultimate home PC
U.S. News & World Report, p90
Nov 25, 1996
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; General Trade
Word Count: 1965

...   describe the phenomenon is "convergence."
    Besides being the usual generator of reports, homework, newsletters
and **E -mail** and a Web center, a convergent PC can be a telephone center
that will take...

...it might make coffee. Computer makers envision the machine as the
command center for the **"smart   house** ." It would set burglar monitoring
systems, turn off lights and, yes, brew your morning cup...

13/3,K/2   (Item 2 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)

04687311   Supplier Number: 46899400   (USE FORMAT 7 FOR FULLTEXT)
Internet smart phone dials new markets
Electronic Engineering Times, p90
Nov 18, 1996
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1344

    Financial programs, including home banking and stock trading, along
with **e -mail** are good applications for a device that combines telephony
features with computing and Internet-access...

...migrated to both the telephone touch-tone pad and the computer,
requiring two devices for **home** access. The Internet **smart** phone brings
all the necessary capabilities together in one device.
    Moreover, combining voice and e...

13/3,K/3   (Item 3 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)

04496142   Supplier Number: 46603184   (USE FORMAT 7 FOR FULLTEXT)
**Survey Results Provide First Benchmark View of Networking in San Mateo and
 Santa Clara County K-12 Schools; Results provide insight about areas
 needing additional focus.**
Business Wire, p08051035
August 5, 1996
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 833

...   Mateo County Superintendent of Schools.
    For additional information
    The networking survey can be accessed via **Smart** Valley's **home** page
on the World Wide Web at, http://www.svi.org/. For additional information
about Smart Valley's SmartSchools projects, contact Kathie Blankenship at
408/562-7795 or by **email** at KathieB@svi.org.
    About Smart Valley
    Smart Valley, Inc. is a non-profit organization...

13/3,K/4   (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04132189   Supplier Number: 46030296
Wired for Profit
Inc., p71
Jan, 1996
Language: English   Record Type: Abstract
Article Type: Industry overview
Document Type: Magazine/Journal; General

ABSTRACT:
...researchers may want Dow Jones News/Retrieval or Profound for business
news. International Digital Intellegence, **home** of **Smart** Site, offers a
network of tools to help clients get an approach to the Internet...

...for growing companies listed; services, products, experiences of various
companies, online college degree, online banking, **e -mail** discussed;
special how-to advertising section gives information about the Internet and
other online services...

13/3,K/5   (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04090437   Supplier Number: 45960509   (USE FORMAT 7 FOR FULLTEXT)
NetWare Coming to a TV Near You
CommunicationsWeek, p19
Nov 27, 1995
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 249

...   camera in the home, including remote control of the camera, lights
and VCR; and an **intelligent   home** -security system. Wireless paging,
remote access to Novell's GroupWise schedules, **electronic   mail** exchange
and remote document processing and printing also were part of the
demonstration.
     The partnership...

13/3,K/6   (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04082640   Supplier Number: 45946964   (USE FORMAT 7 FOR FULLTEXT)
**Intelligent Technologies Inc. premiers IntelliBots 1.0 for Macintosh; Newly
 released version makes learning computer programming and architecture fun
 for all ages.**
Business Wire, p11201016
Nov 20, 1995
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 440

...   Jack Reeve P.O. Box 2022 Orem, UT 84059-2022 Phone/Fax:
801/763-8690 **EMail** : IT11@aol.com (or IT11 if you have an AOL account)
WWW: HTTP://www.xmission.com/ intltech/**home** .html
     Intelligent Technologies is in the business of increasing computer
skills and knowledge through the creation of...

13/3,K/7   (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04076374   Supplier Number: 45936245   (USE FORMAT 7 FOR FULLTEXT)
**NOVELL(R) AND STELLAR(TM) ONE PARTNER TO CONNECT TV SET-TOP BOXES TO SMART
GLOBAL NETWORKS**
PR Newswire, p1113SJM003
Nov 13, 1995
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 881

...   remote camera control, remote operation of home systems including
lights and a VCR, and an **intelligent   home** security system. The
demonstration also highlights wireless paging, remote access to office
GroupWise schedules, **e -mail** , and remote document processing and
printing.
    "This unique demonstration shows how consumer and networking
technology...

13/3,K/8   (Item 8 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)

03868667   Supplier Number: 45554824   (USE FORMAT 7 FOR FULLTEXT)
NABISCO NET BRINGS SWEET SUCCESS
CommunicationsWeek, p1
May 22, 1995
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 1218

...   more efficiently.
    This all comes together through an Executive Information System. Using
Microsoft's MS-**Mail   electronic -mail** system as the transport,
homegrown   intelligent agents fetch business-related information from
news wires, sales and revenue data from ISIS, and...

13/3,K/9   (Item 9 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)

03818875   Supplier Number: 45452079   (USE FORMAT 7 FOR FULLTEXT)
One-piece Aptiva may land in U.S.: IBM USING ITS OWN CPUs
Computer Retail Week, p1
April 3, 1995
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 540

...   by the fall. Other technologies IBM alluded to included 3-D
surround wavetable audio, "interactive **smart   house** " and
voicesynthesized **electronic   mail** . He declined to discuss specifics.
    But Garcia last week acknowledged that IBM has been slow...

13/3,K/10   (Item 10 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)

03571091   Supplier Number: 45019413   (USE FORMAT 7 FOR FULLTEXT)
CEO INTERVIEW- PAUL M. OLSON, CABLE DESIGN TECHNOLOGIES CORPORATION (CDTC)
Wall Street Transcript Digest, v14, n12, pN/A
Sept 26, 1994
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade

Word Count: 301

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...and CEO of Cable Design Technologies Corporation (CDTC), a designer and
manufacturer of technologically advanced **electronic   data** transmission
cables made of copper, fiber optics and copper/fiber optic composites. The
Company's...

...cable products will continue as their leading revenue gainer, and that
beyond networking, there is **'smart   house /smart** buildings' --cable is
going to be installed by both the communications industry and the cable...

   13/3,K/11   (Item 11 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2000 The Gale Group. All rts. reserv.

03469250   Supplier Number: 44844570   (USE FORMAT 7 FOR FULLTEXT)
Symantec-Joins Smart Valley Consortium
Interactive Facts, v1, n17, pN/A
July 18, 1994
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 282

     (USE FORMAT 7 FOR FULLTEXT)
TEXT:
...award-winning pcANYWHERE for mobile professionals and telecommuters
complements the Smart Valley mission as Internet, **e -mail** and other
communications connections to computers become common." Smart Valley, Inc.
is a nonprofit organization...

...that will benefit all sectors of Silicon Valley: education, healthcare,
local government, business and the **home** . **Smart** Valley, Inc. is
affiliated with Joint Venture: Silicon Valley Network, a broad-based, grass
roots...

   13/3,K/12   (Item 12 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2000 The Gale Group. All rts. reserv.

02797097   Supplier Number: 43756170
Battles Loom for Control Of TV's Portal to Cable
The New York Times, p17
April 3, 1993
Language: English   Record Type: Abstract
Document Type: Newspaper; General

ABSTRACT:
...cable box/computer set-top devices to become the portal through which
video signals and **electronic   information** can flow into and out of the
home . **'Smart** TV' devices would provide interactive control and allow
viewers to rapidly access programs on desired...

   13/3,K/13   (Item 13 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2000 The Gale Group. All rts. reserv.

01043322   Supplier Number: 41150400   (USE FORMAT 7 FOR FULLTEXT)
DEAR SENATOR
VARbusiness, p14
Feb, 1990
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade

Word Count: 281

TEXT:
...office system supplied to Senator Armstrong and nearly 100 other
legislators in the Senate and **House** of Representatives by **Intelligent**
Solutions Inc., a Falls Church, Va., VAR for Applied Digital Data Systems
Inc. (ADDS), Hauppauge...

...a Social Security check and the staff must see that a replacement is
sent), scheduling, **e -mail** to the home office and word processing,
according to Diane Hazzard, director of sales and...

13/3,K/14   (Item 14 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2000 The Gale Group. All rts. reserv.

01019457   Supplier Number: 41116360
Behold the big surprises in store from the future of EDI
Computerworld, p48
Jan 15, 1990
Language: English   Record Type: Abstract
Document Type: Magazine/Journal; Tabloid; Trade

ABSTRACT:
 Electronic   data interchange (EDI) will be used in such applications as
electronic funds transfer, smart cards and...

...Institute for Alternative Futures. EDI will be incorporated into expert
systems and through them into '**smart** ' buildings, offices and **homes** . EDI
will make single-step database access possible. It will also allow
real-time market...

13/3,K/15   (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

02329751
Here comes the fiber-optic home
New York Times (National Edition)   November 5, 1989   p. f1,f15
ISSN: 0362-4331

     ...local telephone exchanges. Their expansion to the private home could
open a range of residential **electronic   information** services such as
on-line shopping, electronic delivery of an entire newspaper, a new
generation of **smart   home** appliances, **home** banking, picture
telephones, and **electronic   mail** . The fiber-optic cables in the homes
would be tied into a network of fiber...

13/3,K/16   (Item 1 from file: 47)
DIALOG(R)File   47:Gale Group Magazine DB(TM)
(c) 2000 The Gale group. All rts. reserv.

04636587   SUPPLIER NUMBER: 18868229   (USE FORMAT 7 OR 9 FOR FULL TEXT)
The ultimate PC. (converged personal computers)(includes related articles)
Thomas, Susan Gregory
U.S. News & World Report, v121, n21, p90(7)
Nov 25, 1996
ISSN: 0041-5537   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2089   LINE COUNT: 00158

...   describe the phenomenon is "convergence."
     Besides being the usual generator of reports, homework, newsletters
and **E** - **mail** and a Web center, a convergent PC can be a telephone center

that will take...

...it might make coffee. Computer makers envision the machine as the command center for the **"smart house** ." It would set burglar monitoring systems, turn off lights and, yes, brew your morning cup...

13/3,K/17   (Item 2 from file: 47)
DIALOG(R)File   47:Gale Group Magazine DB(TM)
(c) 2000 The Gale group. All rts. reserv.

04562493   SUPPLIER NUMBER: 18589896
Smart Home Manager. (Surado Solutions' Smart Home Manager personal finance software) (Software Review)(Evaluation)(Brief Article)
Kahney, Leander
PC/Computing, v9, n9, p232(1)
Sep, 1996
DOCUMENT TYPE: Evaluation Brief Article   ISSN: 0899-1847
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 274   LINE COUNT: 00024

...   the family can have an individual account with password access to their own records. Send **e -mail** between family members and attach external files such as video file formats. The downsides: The interface could be more attractive and the online help a little clearer. Overall, however, **Smart Home** Manager helps you better manage the game of life.

13/3,K/18   (Item 3 from file: 47)
DIALOG(R)File   47:Gale Group Magazine DB(TM)
(c) 2000 The Gale group. All rts. reserv.

02668810   SUPPLIER NUMBER: 03754490   (USE FORMAT 7 OR 9 FOR FULL TEXT)
AT&T. The right choice. (Part two of two parts - Special supplement to May issue)
Modern Office Technology, v30, pS1(37)
May, 1985
LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 16412   LINE COUNT: 01375

...   the-art communications technology. We began as part of the team that built the largest **electronic information** system in the world--the AT&T telecommunications network. We're in the forefront of innovation in communications-based information systems, from premises controllers to intelligent networks, from **"smart** ' telephones for the **home** to integrated business systems linking tens of thousands of people and machines.
      We're not...

13/3,K/19   (Item 1 from file: 111)
DIALOG(R)File 111:TGG Natl.Newspaper Index(SM)
(c) 2000 The Gale Group. All rts. reserv.

03985777   Supplier Number: 14650985
TCI eyes ' smart home' **design plan with Microsoft and PG&E.**
 **(Tele-Communications Inc., Pacific Gas and Electric, and Microsoft Corp.
 to link** electronic information **services in Walnut Creek, California homes)**
Lippman, John
Los Angeles Times, v112 , Wed ed, col 5, pD2
Nov 10, 1993
ISSN: 0458-3035   LANGUAGE: English   RECORD TYPE: Citation
COLUMN LENGTH: 9 col in

TCI eyes ' smart home' **design plan with Microsoft and PG&E.**
 (Tele-Communications Inc., Pacific Gas and Electric, and Microsoft Corp.

to link electronic   information **services in Walnut Creek, California**
homes)

06937327   Supplier Number: 58467763 (USE FORMAT 7 FOR FULLTEXT)
Christian Dutoit.(Brief Article)
BERGER, ROBIN
Electronic Media, v18, p24
Dec 13, 1999
Language: English   Record Type: Fulltext
Article Type: Brief Article
Document Type: Magazine/Journal; Trade
Word Count: 253

...   service, after advising French satellite provider AB Group on the
launch of its ABSat pay **TV** package. Mr. Dutoit also worked as general
manager of TC1's LCI news service and **director** of production at La Cinq,
France's first commercial **TV** **network** , which ceased **operations** in
1995.
     New services: "We're planning to **send** select headlines to
individual e-mail addresses; stream news reports, interviews and talk shows
and...

DIALOG(R)File 16:Gale Group PROMT(R)

05684563   Supplier Number: 53110776   (USE FORMAT 7 FOR FULLTEXT)
**NETWORK HEALTH REMEDIES FRAME RELAY BOTTLENECKS.(Southwest Airlines'
network of reservation centers)(Company Operations)**
Cravotta, Nicholas
Network, pNA(1)
April 1, 1998
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 3462

...   already installed in the network. Data collection is independent of
vendor technology, and information on **devices** from different companies is
compiled into a single report. The information is collected into an...

...morning or posted to a password-protected Web page. Reports can also be
customized, and **Network** Health can generate and **send** via   e -**mail**
monthly **executive** summaries to high-level **managers** .
       "I think one of the most important and useful features of Network
Health is that..

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...subscribers, provided those subscribers assume full responsibility for
handling their own letters of inquiry. Please **send** notices of **executive**
, manufacturer, representative and **distributor** searches, placements and
promotions to: Health Industry Today, 5350 S. Roslyn St., Suite 400,
Englewood, CO 80111-2125. FAX (303) 290-9025. **E** -**Mail**
HIT@Businessword.com. * Bioject Medical Technologies, Inc.: Bradley J.
Enegren has been named president and...

...system for diabetes patients for the Portland, Ore.-based firm. Enegren
previously served as managing **director** of Arrow International and spent
two years as **director** of marketing and business development for Boston
Scientific, Inc. He began his career in the...

...solutions. Atkin, a native of the United Kingdom, joined Ohmeda in 1994
as a plant **manager** and was appointed vice president of operations in
1995. His background includes semiconductor research and...

...manufacturer of OLIGON(tm), a polymer-based technology for the
manufacture of infection-resistant medical **devices** , has announced the
hiring of Edward W. Kelley as president and CEO. Kelly has more than 20
years of medical **device** experience, including five years as president of
Davol, Inc., a subsidiary of C.R. Bard, Inc. He was also the general
manager of Bard Access, a supplier of long-term vascular access products.
He has served as...

...care product supplier as chief financial officer. Prior to joining
Medline, Abington was chief financial **manager** for Masonite Corporation in
Chicago, a wholly owned subsidiary of International Paper. Since 1987 he...

...board member-and spent 15 years at Beckman Instruments in a variety of
assignments, including **director** of North American sales and marketing.
McLean joined Toshiba in 1998 as vice president of the Ultrasound Business
Unit . In the reorganization of full-line marketing, James R. Burch has
been promoted to **director** , customer communications. Also, Joseph V. Fritz
has been promoted to senior **manager** , clinical development, and Catherine
M. Wolfe has been named senior **manager** , marketing programs. * ZOLL
Medical Corporation: Two additions to the sales management team have been
announced...

...Burlington, Mass.-based manufacturer and marketer of an integrated line
of proprietary, non-invasive resuscitation **devices** and disposable
electrodes. E.J. Jones has been appointed vice president of international
sales, and...

...Systems, Inc. * Branson Ultrasonics Corporation: Michael S. Kan has been
named worldwide medical market segment **manager** of this Danbury,
Conn.-based manufacturer of ultrasonic, hot plate, and linear and orbital
vibration welding **equipment** for medical industry **devices** . Kan has held
positions of district sales **manager** and sales **manager** for Latin America
within the Branson organization. He will be responsible for identifying and
developing...

23/3,K/2   (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

05714919   Supplier Number: 50178004   (USE FORMAT 7 FOR FULLTEXT)
**Infonetics Research Announces the Release of Time to Profit; White Paper
  Identifies Elements to Enhance Corporate Performance and Profitability.**
Business Wire, p07200213
July 20, 1998
Language: English   Record Type: Fulltext
Article Type: Article
Document Type: Newswire; Trade
Word Count: 433

...   a free copy of Time to Profit, please visit
http://www.internetdevices.com.
    Corporate IT **managers** face daily challenges, including the methods
of executing firewalls, VPNs, bandwidth management, NAT, DNS, **e -mail** ,
Web caching, URL blocking, and Spam filtering. Companies face the
additional challenge of finding qualified personnel to oversee the
operation and maintenance of the **equipment** as well as establishing
guidelines to ensure peak performance. The tools required for **remote**
access and **network** **operations** include an evolving list of protocols,
data **transmission** , and technological avenues. With the constant
refinement of remote access and network performance alternatives, the...

23/3,K/3   (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)

04624052   SUPPLIER NUMBER: 18843137   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Unlimited power. (five uninteruptible power supplies reviewed) (includes
  related articles on Editors' Choice, performance tests, how large a UPS
  to buy) (Hardware Review)(Evaluation)**
Boyle, Padraic
PC Magazine, v15, n20, pNE01(7)
Nov 19, 1996
DOCUMENT TYPE: Evaluation   ISSN: 0888-8507   LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 5176   LINE COUNT: 00393

...   setting up the UPS itself is a simple process: Plug the server's or
network **device** 's power cable into one of the power receptacles on the
back of the UPS...

...monitoring software receives data from the UPS and proceeds in
accordance with a set of **instructions** --such as logging an event or
sending the **network**   **manager** an **e -mail** --that the network **manager**
has defined.
    In the event of a total power failure, the UPS monitoring software
will...

23/3,K/4   (Item 1 from file: 80)
DIALOG(R)File 80:TGG Aerospace/Def.Mkts(R)

01233118   Supplier Number: 41766180 (USE FORMAT 7 FOR FULLTEXT)
MORE NEW APPLICATIONS: TITAN IV/IUS SPACE LAUNCH VEHICLE
Composites & Adhesives Newsletter, pN/A
Jan, 1991
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 18344

...   construction excluding those for Thailand.

@@@421571128 OVKQJyr Hughes will move Galaxy 1 satellite, leading cable **TV** services bird, by June 28, forcing nation's more than 10,000 cable systems and...

...Assn. (SBCA) contends 1.2million dishes shipped since 1985 have built in actuators and actuator **controllers** , allowing users to move dishes on their own. Galaxy 1 will be moved to 133...

...C-1 at 137 W, Hughes said. Company said move, which cable operators and satellite **TV** dealers have known about for several months, will begin at 10 a.m., June 21...
...Showtime, several superstations. All services on Galaxy 1 are scrambled except Univision and Country Music **TV** . Harry Thibedeau, SBCA's mgr. of industry and technical affairs, said most consumers could be...

...to get word out to users and operators. He said even pirated decoders have actuator **controllers** to allowusers to lock in on new Galaxy 1 position. He said "very few" dishes...

...test last month at NASA's Stennis Space Center, Bay St. Louis, Miss. Glenn Dill, **manager** of Marshall Space Flight CenterShuttle Project Office at Stennis, said engineers were analyzing test data...of British Aerospace to join the Iridium program, Durrell Hillis, corporate vice president and general **manager** , Motorola SatelliteCommunications, said: "Iridium is a complex undertaking and we feel that the program needs...

...areas for mutual participation. Motorola is one of the world's leading providers of electronic **equipment** , systems, components and services for worldwide markets. Products include two-wayradios, pagers, cellular telephone systems, semiconductors, defense and aerospace electronics, automotive and industrial **electronic   equipment** , computers, **data** communications and information processing and handling **equipment** . @@@421482400 OWPKJym All three of Japan's major airlines plan to increase their investment in...vehicle to tumble out of control (SW April 22 p1). GD spokesman said special scope **device** and X-ray inspections of hardware were being made at Cape Canaveral to search for...

...next-generation supersonic transports, NASA said.   @@@422142468 OAOSJEm Engineers from McDonnell Douglas' (MD) Space Systems **unit** are meeting with NASA and its international partners to review changes in basic design of...

...Hunt Oil. New ground station will receive Earth image data acquired by U.S. Landsat **remote** sensing satellites and will **transmit** operating **commands** to birds. Eosat spokesman said company chose Norman because its midcontinent location will provide real...

04076374   Supplier Number: 45936245   (USE FORMAT 7 FOR FULLTEXT)
**NOVELL(R) AND STELLAR(TM) ONE PARTNER TO CONNECT TV SET-TOP BOXES TO SMART
GLOBAL NETWORKS**
PR Newswire, p1113SJM003
Nov 13, 1995
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 881

...   set-top box. Applications will include interactive playback and
control of stored video on the **network** , live video **transmission** from a
camera in the home with **remote** camera control, **remote   operation** of
home systems including lights and a VCR, and an **intelligent   home**
security system. The demonstration also highlights wireless paging, remote
access to office GroupWise schedules, **e -mail** , and remote document
processing and printing.
     "This unique demonstration shows how consumer and networking
technology..

```
Set     Items     Description
S1      118873    REMOT? OR NETWORK? OR INTERNET OR WWW OR WORLD()WIDE()WEB -
                  OR (WIDE OR LOCAL)()AREA()NETWORK? OR WAN OR DISTANT OR DISTR-
                  IBUT?
S2       14826    SEND OR SENDING OR SENDS OR TRANSMIT? OR TRANSMISSION? ?
S3       56267    COMMAND? OR INSTRUCTION? OR DIRECTION? OR OPERATION? ? OR -
                  SIGNAL? ? OR ACTIVAT? OR EXECUTABLE? OR REQUEST? OR TURN?()ON
S4       47578    CONTROLLER? OR MANAGER? OR DIRECTOR?
S5       39748    DEVICE? OR UNIT? ? OR PERIPHERALS? ? OR VIDEO()DECK? ? OR -
                  APPARATUS OR EQUIPMENT?
S6        6699    APPLIANCE? ? OR (HOME OR HOUSE)(3N)APPLIANCE? OR STOVE? ? -
                  OR MICROWAVE OR LIGHTS OR LIGHTING OR VCR OR TV OR TELEVISION
S7           3    ELECTRIC?()POWER()GRID? ?
S8          33    (SMART OR INTELLIGENT)(3N)(HOUSE? OR HOME?)
S9      118867    EMBED? OR COMBIN? OR AFFIX? OR ADJOIN? OR JOIN? OR ATTACH?
                  OR ADD? OR INSERT? OR AUGMENT? OR APPEND? OR INCORPORAT?
S10      19901    (ELECTRONIC OR E OR VIRTUAL)(3N)(MAIL OR MESSAGE? OR DATA -
                  OR INFORMATION) OR EMAIL
S11          3    S8 AND S10
S12       1663    S1 AND S2 AND S3
S13       6356    S4 AND (S5 OR S6 OR S7)
S14       9085    S9 AND S10
S15          3    RD S11 (unique items)
S16         64    S12 AND S13
S17          3    S16 AND S14
S18          3    RD S17 (unique items)
S19          2    S18 NOT (PY=>1997 OR PD=>970318)
S20       1145    S3 AND S14
S21         23    S13 AND S20
S22         16    S21 NOT (PY=>1997 OR PD=>970318)
S23         14    S22 NOT S17
S24        883    S3(S)S9(S)S10
S25         18    S24(S)S13
S26         12    RD S23 (unique items)
S27          6    S25 NOT (S15 OR S19 OR S26)
```

15/3,K/1   (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00456209   97PW04-050
  Small office/home office
    Lasky, Michael S; Bass, Steve
    PC World , April 1, 1997 , v15 n4 p221-234, 7 Page(s)
    ISSN: 0737-8939

     SMALL OFFICE/ **HOME** OFFICE section includes `` **Smart** Phones, Smart
Business'' (p 222-231), which includes a discussion of phone services for a
...

... when the PC is turned off, a trolley for easily transporting tower
systems, and an **e** -**mail** utility. Includes two illustrations, six photos,
and one screen display. (djd)
    Descriptors: Home Office; Voice **Mail** ; Telephone; **Electronic   Mail**
; Software Review; Facsimile; ISDN

15/3,K/2   (Item 2 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00435695   96PM09-040
    Smart Home **Manager**
    Kahney, Leander
    PC/Computing , September 1, 1996 , v9 n9 p232, 1 Page(s)
    ISSN: 0899-1847
    Company Name: Surado Solutions
    Product Name: **Smart   Home** Manager

     Smart Home **Manager**
    Product Name: **Smart   Home** Manager
    Presents a favorable review of **Smart   Home** Manager ($30), a home
finance program from Surado Solutions (800). The core of the program...

... establish individual accounts for each member of a family protected by
passwords. It can send **e** -**mail** with external files attached (such as
video clips) between family members. Overall, it is a...
    Identifiers: **Smart   Home** Manager; Surado Solutions

15/3,K/3   (Item 1 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

00103012   DOCUMENT TYPE: Review

PRODUCT NAMES: Smart   Home **Manager 2.0 Windows & Windows 95   (652784**

TITLE: Digital Home, Sweet Digital Home
AUTHOR: Borden, Susan
SOURCE: Computer Shopper,   v17 n8 p410(1) Aug 1997
ISSN: 0886-0556
HOMEPAGE: http://www.cshopper.com

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

REVISION DATE: 19980830

PRODUCT NAMES: Smart   Home **Manager 2.0 Windows & Windows 95...**

Surado Solutions' **Smart   Home** Manager 2.0, a new personal information

manager (PIM) for the home, provides five useful...

...many financial modules, databases, and organizational applications via
one easy-to-use interface. Users begin **Smart   Home** Manager by entering a
household name, and the main screen provides five categories:
Accounts/Finances, Household **E -mail** , Household Activities,
Calendar/To-Do, and System Administration. A default account is established
with all...
?t19/3,k/all
>>>KWIC option is not available in file(s): 278

  19/3,K/1   (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2000 Info. Today Inc. All rts. reserv.

00218828   90PK06-120
   Peripheral-sharing device **offers file transfer**
   Sullivan, Kristina B
   PC WEEK , June 11, 1990 , v7 n23 p33, 39, 2 Pages
   ISSN: 0740-1604

   Peripheral-sharing device **offers file transfer**
   ... of Watertown, MA (617) has released the NetCommander 5.0 ($1,895), a
peripheral sharing **device** that permits file transfer and automatic
maintenance capabilities, allows **sending** and receipt of data from users
connected to the **device** and software upgrades for automatic user
 distribution . The upgrade reduces from 75 KB to 13 KB the memory needed
for software **operation** . Enhancements are planned that would **add   E -
mail   distributed** printing and **network** management capabilities. (tbc)
    Descriptors: **Peripherals** ; Data **Transmission** ; **Controller** ; Data
Communication; Upgrade

  19/3,K/2   (Item 1 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2000 Info.Sources Inc. All rts. reserv.

00057678   DOCUMENT TYPE: Review

PRODUCT NAMES: Soft-Switch EMX 6000   (430676)

TITLE: SoftSwitch Solves D&B's E- Mail **Integration Challenge**
AUTHOR: Wilkinson, Stephanie
SOURCE: PC Week,   v10 n39 p92(1) Oct 4, 1993
ISSN: 0740-1604

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 19990830

TITLE: SoftSwitch Solves D&B's E- Mail **Integration Challenge**

A company with dozens of autonomous information services companies, in its
attempt to integrate its **operations** in order to become a larger whole,
seeks to bring a higher level of cooperation between its **units** , with a
unified **e -mail** strategy. Previously, the separate entities used several
different brands of **e -mail** . Basic connectivity was initially achieved
through Novell's MHS protocol, but the solution was not complete enough.
There was no global **directory** , and users did not know whether the
recipient's system would support an **embedded** object. SoftSwitch's EMX6000
provided a solution, acting as a message router, through which users of any
 e -mail system can exchange mail. When a user is trying to **send**
something, such as a binary **attachment** , that is not supported by the
recipient's **e -mail** system, the EMX switch will alert the sender.
SoftSwitch's **Directory** Synchronization automatically **adds** individual **e**

-mail systems' users to the central **directory** .

DESCRIPTORS: **E** -**Mail** ; Communications Interfaces; **Network** Software;
    IBM PC & Compatibles
?t26/3,k/all
>>>KWIC option is not available in file(s): 278

 26/3,K/1   (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2000 Info. Today Inc. All rts. reserv.

00423155   96MA05-205
  Pippin: back in the USA
    Staten, James
    MacWEEK , May 20, 1996 , v10 n20 p1, 75, 2 Page(s)
    ISSN: 0892-8118
    Company Name: Bandai Digital Entertainment
    Product Name: Pippin @World

    ... Macintosh clone, from Bandai Digital Entertainment Corp. of La
Mirada, CA (310). Notes that the **device** is a Mac derivative that is based
on a 66-MHz PowerPC 603, uses a **TV** set as its display, and starts from a
CD-ROM. Specifies that Pippin @World will...

    ... and a quadruple-speed CD-ROM drive. Says this package will also include
a game **controller** with built-in trackball, **directional** pad, and nine
buttons; and a folding keyboard with a built-in graphics tablet. Among the
bundled software are **TV** Works, which provides a simple integrated word
processor, paint program, and **e** -**mail** package. In **addition** , Pippin
@World will also provide an Internet-access account. Notes that Apple
intends to ship...

 26/3,K/2   (Item 2 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2000 Info. Today Inc. All rts. reserv.

00405146   95CW12-112
  Navy sails to E- mail **gateway solution**
    Mohan, Suruchi
    Computerworld , December 11, 1995 , v29 n50 p65, 1 Page(s)
    ISSN: 0010-4841
    Company Name: Digital **Equipment** Corp.
    Product Name: Mailbus 400

  Navy sails to E- mail **gateway solution**
    Company Name: Digital **Equipment** Corp.
    Provides a case study of the Naval Air Systems **Command** in Arlington,
VA, where the **information** systems department manages **electronic   mail**
with a gateway solution. Explains that in the process of upgrading the mix
of Macintoshes and IBM PC compatibles with fiber optic networks, the
disparate systems of **electronic   mail** users wanted to communicate with
others. States that six hubs of different **electronic   mail** systems were
connected in a wide area network using Digital's x.400 backbone, Mailbus
400, which supports file **attachments** and synchronous **directories** . Says
that the system works well with the varying hardware systems and operating
systems, and...
    Descriptors: **Electronic   Mail** ; Interoperability; Enterprise
Computing; Wide Area Networks; Military; Case Study
    Identifiers: Mailbus 400; Digital **Equipment** Corp.

 26/3,K/3   (Item 3 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2000 Info. Today Inc. All rts. reserv.

00387726   95NC06-005

Directory **assistance -- Products that help you synchronize your** e-
mail directories
  Snyder, Joel; Trumbo, Jan
  Network Computing , June 1, 1995 , v6 n7 p88-100, 8 Page(s)
  ISSN: 1046-4468
  Company Name: Alisa Systems; Innosoft International; Digital
Equipment Corp.; Wingra Technologies
  Product Name: AlisaMail; PMDF-LAN and PMDF X.500; MAILbus **Directory**
Synchronization Utility; Missive **Directory** Assistance

      Directory **assistance -- Products that help you synchronize your** e-
mail directories
  Company Name: Alisa Systems; Innosoft International; Digital
Equipment Corp.; Wingra Technologies
  Product Name: AlisaMail; PMDF-LAN and PMDF X.500; MAILbus **Directory**
Synchronization Utility; Missive **Directory** Assistance
  Presents a buyer's guide reviewing four Open-VMS-based **directory**
synchronization programs from four manufacturers. These products include
AlisaMail ($53,000 for 5,000 users...
... 5.00 and given the Network Computing Editor's Choice award as a
full-featured **e - mail** hub and **directory** server with automatic
directory search, which makes synchronization easy, and can provide tight
control over which **addresses** get propagated. Also reviews: PMDF-LAN and
PMDF X.500 ($20,750) from Innosoft International...

... 3.50 and given Network Computing Honorable Mention recognition, which
has a browser for both **command** -line and X window system access, and is
very tool-oriented; MAILbus **Directory** Synchronization Utility ($35,000)
from Digital **Equipment** Corp. (800), scoring 3.25; and Missive **Directory**
Assistance ($24,000) from Wingra Technologies (800, 608), with 3.05.
Includes two photos, two...
  Descriptors: **Electronic Mail** ; **Directories** ; Synchronization;
Network Management; Vendor Guide; Software Review; Interoperability
  Identifiers: AlisaMail; PMDF-LAN and PMDF X.500; MAILbus **Directory**
Synchronization Utility; Missive **Directory** Assistance; Alisa Systems;
Innosoft International; Digital **Equipment** Corp.; Wingra Technologies

26/3,K/4   (Item 4 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2000 Info. Today Inc. All rts. reserv.

00367085   94PJ11-018
  Agents of change -- Software agents handle HR tasks at California bank
  Remington, Marti
  PC Today , November 1, 1994 , v8 n11 p47, 1 Page(s)
  ISSN: 1040-6484
  Company Name: Edify
  Product Name: Electronic Workforce; Agent Trainer

  Examines the development of a voice response **unit** (VRU) at the
California Federal Bank's human resources department. Says Electronic
Workforce ($NA) and Agent Trainer ($NA) from Edify Corp. (408) were used
for development and testing. **Adds** that the programs provide electronic
agents that are taught by users how to get information...

... applications and to carry that data to its proper place via the phone
system or **e -mail** . Also says that the bank expects to standardize a lot
of bank **operations** with VRU, and have a **directory** on the VRU that
employees can consult for HR benefits information. Includes a photo, and...

26/3,K/5   (Item 5 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2000 Info. Today Inc. All rts. reserv.

00263276   91PK12-220

   Kramer, Matt
   PC WEEK , December 16, 1991 , v8 n50 p100, 105, 2 Page(s)
   ISSN: 0740-1604
   Company Name: Xerox Corp.
   Product Name: LAN/Fax Express 21

   ... for accessing personal and corporate phone books and distribution
lists, a gateway for MHS-based **E** -**mail** applications and a FXMENU fax
application program for printing, storing or deleting faxes already
received...

   ... that though it employs the same interface box as Castelle Corp.'s
FaxPress product, fax **operations** are executed by a Xerox fax machine
 attached to the interface **unit** ; LAN/Fax Express also sports extensive
record-keeping functions as well as a fax-**manager** package and several
options for handling incoming faxes. (PAM)

   26/3,K/6 **(Item 6 from file: 233)**
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2000 Info. Today Inc. All rts. reserv.

00177352   88PN09-303
   IBM adds **multivendor links, enhanced NetView release 50-product
barrage includes X.400** E - Mail **, TCP/IP software, broad range of
network-management tools**
   Garretson, Rob
   PC Week Connectivity , September 26, 1988 , v5 n39 pC1, C6, 2 Pages
   ISSN: 0740-1604

   IBM adds **multivendor links, enhanced NetView release 50-product
barrage includes X.400** E - Mail **, TCP/IP software, broad range of
network-management tools**
   ... of 50 hardware and software network-management enhancements that
support multivendor networking and international standards **requested** by
many users. Says the products include **electronic** -**mail** software based on
the X.400 protocol and other OSI standards; new TCP/IP software...

   ... for IBM's most powerful mainframes; new releases of its NetView,
NetView/PC and LAN **Manager** ; modems and a variety of new and enhanced
products for integrating voice and data communications...
   Descriptors: Networks; Software; Hardware; **Peripherals** ; Local Area
Networks; Management; IBM

   26/3,K/7 **(Item 1 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2000 Info.Sources Inc. All rts. reserv.

00094814   DOCUMENT TYPE: Review

PRODUCT NAMES: E- Mail **Connection 3.0 Windows 95** (481131); **Eudora Pro
2.2 Windows 95** (631264); **Pronto Mail 2.0 Windows** (597511); **Z-Mail 4.0
Windows** (344061

TITLE: Digital Delivery: With Internet E- Mail addresses **becoming
almost..**
AUTHOR: Ginsburg, Lynn
SOURCE: Computer Shopper, v16 n9 p542(6) Sep 1996
ISSN: 0886-0556
HOMEPAGE: http://www.cshopper.com

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

REVISION DATE: 20000430

PRODUCT NAMES: E- Mail Connection 3.0 Windows 95...

TITLE: Digital Delivery: With Internet E- Mail addresses becoming almost..

New Internet e -mail managers for Windows include E -Mail Connection 3.0 from ConnectSoft, Eudora Pro 2.2 from QUALCOMM, Pronto Mail 2.0 from CommTouch Software, and Network Computing Devices ' Z-Mail for Windows 4.0. Each package supports 16-bit Windows. ConnectSoft's and QUALCOMM's products support 32-bit Windows as well. Basic e -mail functions are enhanced in these products by the addition of sort, search, and address book functions. E -Mail Connection is noted for its ability to organize e -mail across multiple accounts from diverse service providers. Eudora Pro is a top-of-the-line application, powerful and easy-to-use. For straightforward operations , users are referred to Pronto Mail. NetManage, in contrast, affords custom options for users who ...

DESCRIPTORS: E -Mail Utilities; Internet Utilities; IBM PC & Compatibles; Windows; Public Networks

26/3,K/8 (Item 2 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2000 Info.Sources Inc. All rts. reserv.

00094581 DOCUMENT TYPE: Review

PRODUCT NAMES: Oracle Parallel Server 7 for SCO UnixWare (329215); Oracle WebServer (555851); DB2 for SCO UnixWare (701866); SCO Open Server Enterprise System (482471); SCO Gemini (602124)

TITLE: SCO and Oracle to link servers
AUTHOR: Wirthman, Lisa
SOURCE: PC Week, v13 n32 p1(2) Aug 12, 1996
ISSN: 0740-1604

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 19980830

At the SCO Forum Conference, Santa Cruz Operation and Oracle will announce Oracle Parallel Server 7 for SCO UnixWare (OPS), a new heterogeneous...
...a software development kit for SCO Gemini; and Oracle's Oracle WebServer as a layered add -on for SCO's Open Server Enterprise System. IBM will announce porting of its DB2...

...user says the OPS announcement is significant because OPS allows users to optimize various hardware devices and to use products from multiple vendors. Oracle's fault-tolerant Parallel Server for clustered...

...not previously available for standard Intel machines. The core technology is UnixWare's distributed lock manager , which designates server rights when multiple servers try to update concurrently. SCO also announced integration...

...engine into the OpenServer operating system (OS) so users can search contents of files and e -mail .

...COMPANY NAME: 351245); Santa Cruz Operation Inc (SCO...

26/3,K/9   (Item 3 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2000 Info.Sources Inc. All rts. reserv.

00089632   DOCUMENT TYPE: Review

PRODUCT NAMES: Corporate Time (608947); Synchronize (326496); Calendar
Manager **(001651); CaLANdar (558915); Meeting Maker XP (431354**

TITLE: The dating game
AUTHOR: Snyder, Joel
SOURCE: Network World,   v13 n11 pS21(3) Mar 11, 1996
ISSN: 0887-7661
HOMEPAGE: http://www.nwfusion.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20000730

   ...PRODUCT NAMES: 326496); Calendar Manager (

Calendaring tools like Corporate Time, Synchronize, Calendar **Manager** ,
CaLANdar, and Meeting Maker XP can help meet schedules by allowing all
staff quick access...

...schedules and locations of other team members. Enterprise calendaring
products should support genuine client/server **operation** and more than one
server. They can update in real-time or by store and...

...should make sure the platform in use is supported, along with installed
network protocols and **e -mail** systems, unless the user is willing to
install new versions. The graphical user interface (GUI) should be
intuitive, and the amount of training needed should be known. Products
often provide **added** features, such as project management, but not always.
The products mentioned support personal digital assistants, an increasingly
popular computing **device** used by mobile workers.

DESCRIPTORS: Calendars; Network Software; Groupware; Client/server; **E** -
   Mail

   26/3,K/10   (Item 4 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2000 Info.Sources Inc. All rts. reserv.

00070154   DOCUMENT TYPE: Review

PRODUCT NAMES: Lotus Notes 4.0 (550418); Lotus Script (465429);
Messaging Application Interface (MAPI) (414263)

TITLE: Notes Messaging Links Grow: Lotus Acquiesces, Will Provide Full...
AUTHOR: Rooney, Paula
SOURCE: PC Week,   v11 n42 p1(2) Oct 24, 1994
ISSN: 0740-1604

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20000130

...to share data with Notes. MAPI 1.0 includes server-provider interfaces
that allow many **e -mail** vendors, including Lotus, Banyan Systems,
Digital **Equipment** (DEC), and CompuServe, to **attach** mail and **directory**

mechanisms beneath MAPI 1.0 applications. Notes 4.0 also supports the Lotus
Development Vendor...
...for enhanced services on Notes-based client/server networks. MAPI 1.0 is
critical for **e -mail** , messaging, calendaring, and workflow applications,
according to an industry analyst. Lotus states that programmers can now
choose among VIM, Common Mail Call (CMC), and MAPI, with Notes messaging
and **directories** at the back end. One developer interviewed welcomes the
flexible Notes options, which provide better interoperability and close
integration. LotusScript support enables automated **operation** .

DESCRIPTORS: **E -Mail** ; IBM PC & Compatibles; Groupware; Network Software
    ; Communications Standards; Notes/Domino; Client/server

 26/3,K/11   **(Item 5 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2000 Info.Sources Inc. All rts. reserv.

00066005   DOCUMENT TYPE: Review

PRODUCT NAMES: Telecommuting (830232)

TITLE: Telecomputing Commuting
AUTHOR: Luhmann, Rick
SOURCE: Computer Telephony Magazine, p74(6) Jul/Aug 1994
ISSN: 1072-1711
HOMEPAGE: http://www.computertelephony.com

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

REVISION DATE: 19990830

...is made up of the IBM Windsurfer telephony and sound card with M-Wave
digital **signal** processor (DSP) for phone, fax, and modem emulation;
SoundXchange **device** ; and application software. The package is **added** to
a 386 or 486 Windows 3.1 platform, and allows the user to make and receive
voice, fax, and **e -mail** calls from a PC in use or idle. No telephone or
answering machine is needed. Communicator software provides phone and
answering machine emulation, fax, **e -mail** viewing, personal event
manager , and **address** book. Also included is code needed to drive
multimedia applications, Prodigy, and Microsoft Works. The...

DESCRIPTORS: Telecommuting; Office Automation; Telecommunications; Fax
    Software; **E -Mail** ; Telephone **Message** Handling

 26/3,K/12   **(Item 6 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2000 Info.Sources Inc. All rts. reserv.

00053949   DOCUMENT TYPE: Review

**PRODUCT NAMES: VINES 5.5   (695912); Enterprise Network Services for
NetWare 1.0   (403172)**

TITLE: Banyan Sketches Vines' Future
AUTHOR: Semilof, Margie
SOURCE: Communications Week,   v453 p15(2) May 10, 1993
ISSN: 0746-8121

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 19990830

...Systems last month unveiled a host of new products and gave indications
of its planned **direction** for the VINES network operating system. Among
the new products rolled out at the conference were a high-speed network
printing **device** , a toolkit for third-parties, and versions of VINES 5.5
in French, German, and Spanish. **Additionally** , Banyan is said to be
emphasizing electronic messaging in its development strategy. Currently, it
is...

...for the Simple Mail Transport Protocol (SMTP) and X.400, and
implementing in its StreetTalk **directory** service the Open System
Foundation messaging model and X.500.

DESCRIPTORS: Network Software; LANs; Operating Systems; Banyan; Foreign
    Language Packages; **E -Mail**

27/3,K/1   (Item 1 from file: 256)

01752291   DOCUMENT TYPE: Product

PRODUCT NAME: Facilities Management System 4.2 (752291)

strategic data & telecom inc (432261)
121 S Webster St
Naperville, IL 60540 United States
TELEPHONE: (630) 355-7331

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 000000

...a familiar Windows Explorer-like interface provide accurate, up-to-date
information vital to telecommunications **operations** . The Inventory
Management module tracks a variety of predefined inventory such as PBXs,
phones, and...

...due date charges, due dated against completed dates, thus improving
budgeting and technician productivity. The **Directory** Lookup module
delivers an instant up-to-date corporatewide **directory** for reception
activities. Phonetic and cascade searches provide quick and easy access to
directory information. The scrollable grid includes alternate numbers for
non-published extension, in **addition** to home, car, fax, pager, DID, **e** -
mail , and two other user-defined fields. The Consolidated Bill phone call,
inventory, line item, and...

27/3,K/2   (Item 2 from file: 256)

01457558   DOCUMENT TYPE: Product

PRODUCT NAME: HelpSTAR 5.1 & CS 5.1 (457558)

Help Desk Technology Corp (563111)
1200 Speers Rd #16
Oakville, ON L6L 2X4 Canada
TELEPHONE: (905) 845-4408

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 000000

...help desks. It offers real-world workflow support, network inventory,
problem documentation, timesheet options, and **request** tracking and
prioritizing, and deadlines. HelpSTAR produces management reports that
describe the overall **operation** of a help desk, and can also print graphs
and build custom reports. Help desk...
...sent alarms when specific events occur. They can search a history
database for previous service **requests** and look for standard solutions to
problems. Help desk employees can also **add** new solutions to this file.
Staff can be provided with 11 different privileged actions. They can
schedule **requests** , reroute service **requests** , and perform a complete
analysis of an end-user's computer. End-users can submit problem reports
and service **requests** by phone, through **e** -**mail** applications, or
through Internet or intranet browsers. They can also use a browser to check
...

...not need to install the application. HelpSTAR 5.1 uses a Microsoft (R) Access database **manager** ; HelpSTAR/CS 5.1 supports client/server, high-traffic networks and is based upon Microsoft...

27/3,K/3   **(Item 3 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2000 Info.Sources Inc. All rts. reserv.

00122449   DOCUMENT TYPE: Review

PRODUCT NAMES: ThinAir Server 1.0   (792829)

TITLE: Serve corporate e-mail to wireless devices: ThinAir Server...
AUTHOR: Heck, Mike
SOURCE: InfoWorld,   v22 n10 p54(1) Mar 6, 2000
ISSN: 0199-6649
HOMEPAGE: http://www.infoworld.com

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

REVISION DATE: 20000530

...based 128-bit Secure Sockets Layer encryption, the ability to operate with widely used wireless **devices** and **e -mail** systems, and real-time connections to internal resources, including calendars. However, users must pay for...
...and for Internet service providers' (ISPs') wireless services, and access is currently available only to **e -mail** applications. ThinAir Server is an efficient but high-cost system that provides mobile workers with wireless access to groupware and **e -mail** systems. ThinAir Server also gives **managers** bi-**directional** , real-time data communication between wireless **devices** and Microsoft Exchange, Internet Mail Access Protocol (IMAP), and Post Office Protocol (POP) 3 **e -mail** systems. ThinAir is a free wireless Internet **e -mail** client for the Palm that provides instant access to supported **e -mail** accounts and to Microsoft HoTMaiL. ThinAir Server gives mobile staff handy, secure access to corporate **e -mail** systems and ultimately allows access to other resources behind a firewall. Employees have to keep their Palm.Net or cellular provider accounts, which **adds** to the cost of ThinAir Server 1.0. Three applications allow users to configure the system to support installed **e -mail** software: Connector Server, which provides a secure gateway, Provider, which is currently available in three versions for Exchange Server, IMAP, and POP3 and links users to an **e -mail** system, and TrafficControl, which monitors multiple Connector Server and Provider components.

27/3,K/4   **(Item 4 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2000 Info.Sources Inc. All rts. reserv.

00117049   DOCUMENT TYPE: Review

PRODUCT NAMES: Handhelds & Palmtops   (836737)

TITLE: PDAs Get Serious: Handhelds Take On Corporate Functions
AUTHOR: Hamblen, Matt
SOURCE: Computerworld,   v33 n21 p1(2) May 24, 1999
ISSN: 0010-4841
HOMEPAGE: http://www.computerworld.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 19990730

The use of personal digital assistant (PDA) handheld computing **devices** is
spreading into many areas of corporate business **operations** and beyond the
basic use of simply tracking personal schedules and contact information.
Airline flight...
...time and money, and a stock trading company is about to deploy hundreds
of PDA **devices** to stock floor buyers and sellers who will be able to
maintain direct links to...

...cost about one-tenth that of even the least expensive laptop and desktop
computers. IT **managers** are warned that user expectations of being able to
freely manage **e** -**mail** with PDAs will not be met due to some problems
with Microsoft's Microsoft Windows CE operating system and its inability to
handle file **attachments** or lengthy **e** -**mail** **messages** with any
efficiency.

27/3,K/5 **(Item 5 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2000 Info.Sources Inc. All rts. reserv.

00114390 DOCUMENT TYPE: Review

**PRODUCT NAMES: CP 443-1IT (742139); SIMATIC ET 200S (742147); SIMATIC MP
270 Multi Panel (742155)**

TITLE: New control platforms and I/O from Siemens offer ready access to...
AUTHOR: Polischuk, Tom
SOURCE: I&CS, v71 n12 p44(1) Dec 1998
ISSN: 1074-2328
HOMEPAGE: http://www.icsmagazine.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 19990530

...Automation has released several new products that reflect new trends
revolving around field buses for **device** -level connection, ready access to
process data via open hardware and software systems, and industrial...
...link directly to a control system. As a result, users can monitor and
control plant **operations** from any PC with a Web browser, or have **e** -
mail sent automatically to any **device** with an Internet connection.
Siemens' SIMATIC ET 200S, a distributed I/O family, is a
Profibus-compatible modular system. It **combines** two-channel digital and
analog capabilities with an integrated high-power contactor relay in one
unit . It can be configured to accommodate almost any **controller
equipment** . The company has also introduced the first of its
Multifunctional Platform, a product category with...

...that falls between an industrial PC and a PLC. The SIMATIC MP 270 Multi
Panel **combines** the deterministic behavior of a PLC, with the openness of
a PC.

27/3,K/6 **(Item 6 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2000 Info.Sources Inc. All rts. reserv.

00100742 DOCUMENT TYPE: Review

PRODUCT NAMES: BeOS DR8 PowerMac Beta (617687)

...system, has few available supporting applications, but has fast
performance and the versatility of a **command** -line interface **combined**
with the ease of use of a graphical user interface (GUI). It also provides
Internet...
...Dock toolbar on the left side of the screen provides users with fast
access to **peripherals** , an **e** -**mail** inbox, an **address** book, a Trash
icon, and other items. The Terminal interface provides a UNIX-type shell
window, and those who know UNIX shell **commands** or DOS **commands** will
find themselves in a familiar environment. BeOS uses a mixture of UNIX and
DOS **commands** , and users can execute software applications by opening the
correct **directory** and typing in the applications' names. The GUI's
Workspace window allows users to store...

...included in BeOS are a text editor, CD-ROM player, picture and image
viewer, and **e** -**mail** software. The VirtualMac MacOS emulator, which is
under development, allowed testers to run Microsoft Excel...

Set	Items	Description
S1	4794836	REMOT? OR NETWORK? OR INTERNET OR WWW OR WORLD()WIDE()WEB OR (WIDE OR LOCAL)()AREA()NETWORK? OR WAN OR DISTANT OR DISTRIBUT?
S2	962986	SEND OR SENDING OR SENDS OR TRANSMIT? OR TRANSMISSION? ?
S3	4826314	COMMAND? OR INSTRUCTION? OR DIRECTION? OR OPERATION? ? OR SIGNAL? ? OR ACTIVAT? OR EXECUT? OR REQUEST? OR TURN?()ON
S4	3418593	CONTROLLER? OR MANAGER? OR DIRECTOR?
S5	3670565	DEVICE? OR UNIT? ? OR PERIPHERALS? ? OR VIDEO()DECK? ? OR APPARATUS OR EQUIPMENT?
S6	1215332	APPLIANCE? ? OR (HOME OR HOUSE)(3N)APPLIANCE? OR STOVE? ? OR MICROWAVE OR LIGHTS OR LIGHTING OR VCR OR TV OR TELEVISION
S7	474	ELECTRIC?()POWER()GRID? ?
S8	3926	(SMART OR INTELLIGENT)(3N)(HOUSE? OR HOME?)
S9	6281678	EMBED? OR COMBIN? OR AFFIX? OR ADJOIN? OR JOIN? OR ATTACH? OR ADD? OR INSERT? OR AUGMENT? OR APPEND? OR INCORPORAT?
S10	789928	(ELECTRONIC OR E OR VIRTUAL)(3N)(MAIL OR MESSAGE? OR DATA OR INFORMATION) OR EMAIL
S11	90	S8(S)S10
S12	13211	S1(5N)S2(3N)S3
S13	393255	S4(S)(S5 OR S6 OR S7)
S14	84438	S9(5N)S10
S15	0	S12(S)S13(S)S14
S16	2	S12(S)S13(S)(USING OR VIA)(3N)S10
S17	2	RD S16 (unique items)
S18	293	S12(S)S13
S19	0	S18(S)S11
S20	31	S11 NOT (PY=>1997 OR PD=>970318)
S21	29	RD S20 (unique items)
S22	141	S13(10N)S8
S23	37	S22(S)INTERNET
S24	0	S23 NOT (PY=>1997 OR PD=>970318)
S25	37	S23 NOT (S17 OR S21)
S26	23	RD S25 (unique items)
S27	19	S26 NOT (SMART()CARD? OR SMARTCARD?)
S28	19	S27 NOT BANKING

04452052   Supplier Number: 56062860   (USE FORMAT 7 FOR FULLTEXT)
**XEROX: Xerox announces seamless paper-to-digital do document application
server software.**
M2 Presswire, pNA
Oct 7, 1999
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 359

...   many mission-critical documents exist only in paper," said Mark
Hill, vice president and general **manager** of Xerox' Office Solutions
Business **Unit** . "FlowPort provides an intelligent and powerful solution
for easily digitizing, storing and retrieving hard-copy containing encoded
DataGlyphs. By simply checking a box on the PaperWare form, users **send**
various **commands** to the FlowPort server to **distribute** documents **via**
e **-mail** , remote print or Internet fax; or to store or retrieve documents
in and from repositories...

03905362   Supplier Number: 50096150   (USE FORMAT 7 FOR FULLTEXT)
**-HEWLETT-PACKARD: HP network design centre helps resellers expedite network
configuration**
M2 Presswire, pN/A
June 17, 1998
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 731

   (USE FORMAT 7 FOR FULLTEXT)
TEXT:
...10Mbps shared solutions feeding into switched Gigabit in the backbone.
Applications, budget constraints and legacy **equipment** are important
factors in recommending network design alternatives. HP Network Design
Centre is offered to...

...conjunction with the recently announced HP Web-based network design
tool, which automatically configures LAN **device** requirements based on
user-specified requirements. The HP network design tool is the tool of...

...rnd/designtool.com Staffing and Access HP Network Design Centre is
staffed by qualified HP **network** -design engineers. Resellers may **request**
a job-design interview form by **sending** an e-mail to hp...

...design-submittal@hp-roseville-gen3.om.hp.com. Completed forms may be
submitted **via**   e **-mail** to hp...

...s five UK R&D and manufacturing divisions exported GBP703 million worth
of telecommunications and **microwave** test products and systems,
information storage products and fibre optic components in 1996, making it
...

...on the World Wide Web at http://www.hp.com. CONTACT: Sally Lawlor, UK
Product **Manager** Networking Products Tel: +44 (0)1344 365722 e-mail: sally

21/3,K/1   (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

09163818   SUPPLIER NUMBER: 18919891   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Internet smart phone dials new markets. (from Navitel
 Communications)(Special Report on Designing Computers, Part IV:
 Net-centric Systems) (Company Business and Marketing)(Technical)
Simon, Robert; Brenner, Thomas
Electronic Engineering Times, n928, p90(1)
Nov 18, 1996
DOCUMENT TYPE: Technical   ISSN: 0192-1541   LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1472   LINE COUNT: 00121

     Financial programs, including home banking and stock trading, along
with **e** **-mail** are good applications for a device that combines telephony
features with computing and Internet-access...

...migrated to both the telephone touch-tone pad and the computer,
requiring two devices for **home** access. The Internet **smart** phone brings
all the necessary capabilities together in one device.
     Moreover, combining voice and e...

21/3,K/2   (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

09109268   SUPPLIER NUMBER: 18868229   (USE FORMAT 7 OR 9 FOR FULL TEXT)
The ultimate PC. (converged personal computers)(includes related articles)
Thomas, Susan Gregory
U.S. News & World Report, v121, n21, p90(7)
Nov 25, 1996
ISSN: 0041-5537   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2089   LINE COUNT: 00158

...   describe the phenomenon is "convergence."
     Besides being the usual generator of reports, homework, newsletters
and **E** – **mail** and a Web center, a convergent PC can be a telephone center
that will take...

...it might make coffee. Computer makers envision the machine as the
command center for the "**smart**   **house** ." It would set burglar monitoring
systems, turn off lights and, yes, brew your morning cup...

21/3,K/3   (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

09079112   SUPPLIER NUMBER: 18740563   (USE FORMAT 7 OR 9 FOR FULL TEXT)
The intranet – a firm's private road on the information superhighway.
Black, Robert L.; Pforsich, Hugh; Sechler, Carolyn S.
Tax Adviser, 27, n9, 561(9)
Sep, 1996
ISSN: 0039-9957   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 6656   LINE COUNT: 00551

...   preparation of a purchase order can be sent immediately to the
vendor, who converts the **electronic**   **data** to a shipping advice and
invoice). (7) As noted in footnote 2, NCC and Microsoft...ROM Tax Research
(Parts I and II)," 26 The Tax Adviser 583 (25) Commerce Clearing **House**
provides an "**intelligent** agent" in some of its software products to aid
the researcher; see Dibbell, "Smart Magic...

21/3,K/4   (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

08954238   SUPPLIER NUMBER: 18648211   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Appliances on-line. (mechatronic technology in home appliances)
Berardinis, Lawrence A.
Machine Design, v68, n14, p72(6)
August 8, 1996
ISSN: 0024-9114   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2582   LINE COUNT: 00216

...   some point, the valve may be integrated as well.
    WEAVING THE WEB
    According to International **Data** Corp., an **electronic** market
research company, by the year 2000, 22% of all Internet-access devices will
be machines other than PCs. This is sure to include **smart**   **household**
appliances, although the Internet is only one avenue by which such washers,
dryers, and refrigerators...

21/3,K/5   (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

08852640   SUPPLIER NUMBER: 18550416
Survey Results Provide First Benchmark View of Networking in San Mateo and
 Santa Clara County K-12 Schools; Results provide insight about areas
 needing additional focus.
Business Wire, p8051035
August 5, 1996
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 875   LINE COUNT: 00075

...   Mateo County Superintendent of Schools.
    For additional information
    The networking survey can be accessed via **Smart** Valley's **home** page
on the World Wide Web at, http://www.svi.org/. For additional information
about Smart Valley's SmartSchools projects, contact Kathie Blankenship at
408/562-7795 or by **email** at KathieB@svi.org.
    About Smart Valley
    Smart Valley, Inc. is a non-profit organization...

21/3,K/6   (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

08851380   SUPPLIER NUMBER: 18500543
A guide to marketing on the Internet.(Convenience in Cyberspace)
Cory, Jim
Home Improvement Market, v233, n7, p58(5)
July, 1996
ISSN: 0162-5896   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3260   LINE COUNT: 00262

...   improvement plans to the site for others to see. A product section
is also included.
    House   **Smart** . http://www.**housemart** .com. A site devoted to
questions and answers to common household problems. Visitors can submit
questions and get responses through postings on a message board or directly
via **e -mail** . **House**   **Smart** separates common problems into categories
such a floors, yards and electrical.
    Jensen Distribution Services. http...

21/3,K/7   (Item 7 from file: 148)

08577685   SUPPLIER NUMBER: 18166192   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**SMART Corp. named Oracle Alliances Complementary Software Provider of the
 Year; SMART also introduces new Web site.**
Business Wire, p4080059
April 8, 1996
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 407   LINE COUNT: 00037

...   s products and services.
     Additionally, unlike the majority of sites on the Worldwide Web, the
SMART   home page each month delivers a timely public service
announcement, with links to Web sites and **electronic   mail** addresses
related to current social matters.
     SMART Corp. is a leading supplier of cost-effective...

21/3,K/8   (Item 8 from file: 148)

08271587   SUPPLIER NUMBER: 17613932   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**NOVELL(R) AND STELLAR(TM) ONE PARTNER TO CONNECT TV SET-TOP BOXES TO SMART
 GLOBAL NETWORKS**
PR Newswire, p1113SJM003
Nov 13, 1995
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 833   LINE COUNT: 00084

...   remote camera control, remote operation of home systems including
lights and a VCR, and an **intelligent   home** security system. The
demonstration also highlights wireless paging, remote access to office
GroupWise schedules, **e -mail** , and remote document processing and
printing.
     "This unique demonstration shows how consumer and networking
technology...

21/3,K/9   (Item 9 from file: 148)

08057289   SUPPLIER NUMBER: 17145983   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**A day in the life of the virtual builder. (computers in housing
 development)(includes related articles)(Advertisement: Computer
 Connection)**
Professional Builder (1993), v60, n11, p62(9)
July, 1995
ISSN: 1072-0561   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 4974   LINE COUNT: 00379

...ABSTRACT: a highly automated home built by a modern housing developer
is described. The energy-efficient, **intelligent   home** features
microprocessor-programmed elements such as motion detectors, water heaters,
coffee makers, synthesized audio reports of **E -mail   messages** , business
news summaries, **electronic** newspapers, home business equipment,
computer-aided design equipment and virtual reality systems for
architectural plans.

21/3,K/10   (Item 10 from file: 148)

08009801   SUPPLIER NUMBER: 16814240   (USE FORMAT 7 OR 9 FOR FULL TEXT)

Let your agent handle it. (intelligent software agents perform network
 tasks) (includes related article on the use of agents at DHL)
Richman, Dan
InformationWeek, n523, p44(7)
April 17, 1995
ISSN: 8750-6874   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2847   LINE COUNT: 00234

...ABSTRACT: could be used to complete network assignments, boot up PCs
and automate database operations, sort **E -mail** and even scan calendars
for notable events and appointments. Software agents have been around as...

...access assistance and interactive voice mail capabilities. Microsoft's
Bob is being promoted as a **home** -based collection of **intelligent**
applications, but early reports suggest that the programs are too rigid and
incapable of learning...

 21/3,K/11   (Item 11 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

08009780   SUPPLIER NUMBER: 16814038   (USE FORMAT 7 OR 9 FOR FULL TEXT)
One-piece Aptiva may land in U.S.(IBM considering marketing Aptiva Vision
 combination computer and television set)
Harrington, Mark
Computer Retail Week, v5, n94, p1(2)
April 3, 1995
ISSN: 1066-7598   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 585   LINE COUNT: 00050

...   by the fall. Other technologies IBM alluded to included 3-D
surround wavetable audio, "interactive **smart   house** " and voice-
synthesized **electronic   mail** . He declined to discuss specifics.
     But Garcia last week acknowledged that IBM has been slow...

 21/3,K/12   (Item 12 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

07317345   SUPPLIER NUMBER: 15426039   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Looking ahead. (forecasts for Canadian banks)(includes appendices) (Bank
 Facts 1994)
Canadian Banker, v101, n3, pS14(15)
May-June, 1994
ISSN: 0822-6830   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1830   LINE COUNT: 00158

...ABSTRACT: attractive prices. Canadian banks also continue to improve
their automated services with the advent of **home** banking, debit cards,
smart cards, **electronic   data** interchange, debt clearing services and
large value transfer systems. Canadian banks also cooperate with
international...

 21/3,K/13   (Item 13 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

06531675   SUPPLIER NUMBER: 14650985
TCI eyes ' smart   home' design plan with Microsoft and PG&E.
 (Tele-Communications Inc., Pacific Gas and Electric, and Microsoft Corp.
 to link electronic   information **services in Walnut Creek, California**
 homes)
Lippman, John
Los Angeles Times, v112 , Wed ed, col 5, pD2

Nov 10, 1993
ISSN: 0458-3035   LANGUAGE: ENGLISH   RECORD TYPE: CITATION

TCI eyes ' smart   home' design plan with Microsoft and PG&E.
 (Tele-Communications Inc., Pacific Gas and Electric, and Microsoft Corp.
 to link   electronic   information services in Walnut Creek, California
 homes)

 21/3,K/14   (Item 14 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

05539788   SUPPLIER NUMBER: 11625351   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Newly enhanced plantwide CIM. (Technology News, computer integrated
 manufacturing)
Naitove, Matthew H.
Plastics Technology, v37, n12, p25(2)
Nov, 1991
ISSN: 0032-1257   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 1082   LINE COUNT: 00086

...   and attendance in essentially real time--a necessity for
Just-in-Time operations. Standardized EDI (**electronic   data** interchange)
templates are included in the Perform package to permit
computer-to-computer communications between vendors and customers and
between a plant and a corporate **home** office.
     'SMART ' SCHEDULING
     Also new is a CIM software update for "smart scheduling"--i.e.,
matching a...

 21/3,K/15   (Item 15 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

02334886   SUPPLIER NUMBER: 03754490   (USE FORMAT 7 OR 9 FOR FULL TEXT)
AT&T. The right choice. (Part two of two parts - Special supplement to May
 issue)
Modern Office Technology, v30, pS1(37)
May, 1985
LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 16412   LINE COUNT: 01375

...   the-art communications technology. We began as part of the team
that built the largest **electronic   information** system in the world--the
AT&T telecommunications network. We're in the forefront of innovation in
communications-based information systems, from premises controllers to
intelligent networks, from "**smart** ' telephones for the **home** to
integrated business systems linking tens of thousands of people and
machines.
     We're not...

 21/3,K/16   (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

01969333   SUPPLIER NUMBER: 18589896
Smart Home Manager. (Surado Solutions' Smart Home Manager personal finance
 software) (Software Review)(Evaluation)(Brief Article)
Kahney, Leander
PC/Computing, v9, n9, p232(1)
Sep, 1996
DOCUMENT TYPE: Evaluation Brief Article   ISSN: 0899-1847
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 274   LINE COUNT: 00024

... the family can have an individual account with password access to
their own records. Send **e -mail** between family members and attach
external files such as video file formats. The downsides: The interface
could be more attractive and the online help a little clearer. Overall,
however, **Smart Home** Manager helps you better manage the game of life.

21/3,K/17   (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

01671346   SUPPLIER NUMBER: 15028785   (USE FORMAT 7 OR 9 FOR FULL TEXT)
A congressional Quorum; on Capitol Hill, software integration is a high
 priority item. (White House, Senate and House of Representatives use
 Intelligent Solutions Corp.'s Quorum office automation software) (Field
Report)
Gengler, Barbara
LAN Computing, v5, n2, p1(3)
Feb, 1994
ISSN: 1055-1808   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1298   LINE COUNT: 00107

ABSTRACT: The US House of Representatives, the Senate and the White **House**
 use the **Intelligent** Solutions' Quorum customized information system, but
implementation of an **electronic   mail (E -mail**) system has been slow
because of concerns over data security. At the White House, a...

...employ Frame Relay internetworking technology. The House has also been
the first to install an **E -mail** system that ensures secure office to
office communication links; the **E -mail** runs over an Ethernet backbone
network and uses TCP/IP. The Quorum system also features...

21/3,K/18   (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

01519969   SUPPLIER NUMBER: 12211360   (USE FORMAT 7 OR 9 FOR FULL TEXT)
More than meets the eye: rumored Time Warner-IBM deal is not as it appears.
 (Next Century Media actually pitching digitization plan, would use IBM
 equipment: IBM wants transmission franchise)
Seybold, Jonathan; Baron, David
Digital Media, v1, n12, p3(3)
May 25, 1992
ISSN: 1056-7038   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 1849   LINE COUNT: 00146

...   high-level, object-oriented operating system software.
     Chips for the home.
     Finally, we will need **intelligent** devices in the **home** to receive
and process all this in-coming digital data, to provide interaction with
the "head end" systems, and to support new generations of peripherals and
interfaces (joysticks, **data** gloves, **virtual** reality goggles, body suits
-- who knows?).
     This intelligence may be imbedded into new-generation cable...

21/3,K/19   (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2000 The Gale Group. All rts. reserv.

01322662   Supplier Number: 45946964   (USE FORMAT 7 FOR FULLTEXT)
Intelligent Technologies Inc. premiers IntelliBots 1.0 for Macintosh; Newly
 released version makes learning computer programming and architecture fun
 for all ages.
Business Wire, p11201016

Nov 20, 1995
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 440

...   Jack Reeve P.O. Box 2022 Orem, UT 84059-2022 Phone/Fax:
801/763-8690 EMail : IT11@aol.com (or IT11 if you have an AOL account)
WWW: HTTP://www.xmission.com/ intltech/home .html
     Intelligent Technologies is in the business of increasing computer
skills and knowledge through the creation of...

  21/3,K/20   (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

03366080   Supplier Number: 46924299   (USE FORMAT 7 FOR FULLTEXT)
GREATER DRAW:
CardFAX, v96, n214, pN/A
Nov 27, 1996
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 97

   (USE FORMAT 7 FOR FULLTEXT)
TEXT:
Philips Home Services is expecting smart cards to be used with its
screen phones in Europe before they are used in...

...there than in the U.S. Philips screen phones bundle services such as
caller identification, electronic   mail via the Internet and access to
stored-value accounts.

  21/3,K/21   (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

03319838   Supplier Number: 46822889   (USE FORMAT 7 FOR FULLTEXT)
STAR SYSTEM ON THE WEB.
EFT Report, v19, n22, pN/A
Oct 23, 1996
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 119

   (USE FORMAT 7 FOR FULLTEXT)
TEXT:
...EFT network, debuted its new World Wide Web site early this month. The
site offers information about electronic commerce, including data on
electronic benefits transfer, home banking and smart cards. The site
has sections designed for both consumers and the network's bank members...

  21/3,K/22   (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

03253701   Supplier Number: 46675595   (USE FORMAT 7 FOR FULLTEXT)
SMARTBOOT 95 PROVIDES WINDOWS 95 USERS WITH WINDOWS 3.1 & DOS [Software
 Review]
Online Libraries & Microcomputers, v14, n8, pN/A
Sept 1, 1996
Language: English   Record Type: Fulltext
Document Type: Newsletter; Professional Trade
Word Count: 1079

 21/3,K/23   (Item 4 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

03140491   Supplier Number: 46429947 (USE FORMAT 7 FOR FULLTEXT)
SAFEBOOT 95 PROVIDES WINDOWS 95 USERS WITH WINDOWS 3.1 & DOS TOO
Online Newsletter, v17, n6-7, pN/A
June 1, 1996
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 788

 21/3,K/24   (Item 5 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

02863372   Supplier Number: 45808795 (USE FORMAT 7 FOR FULLTEXT)
ELECTRONIC CHECKING SOLUTION PASSES TEST
Internet Week, v1, n25, pN/A
Sept 25, 1995
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 525

...   customer then "signed" the check using a digital signature (created
with public/private key pairs) **housed** in the **smart** card, which
"wrapped" the check using a hashing algorithm. The algorithm and signature
can be...

...by someone with a valid account with the bank. The check was then sent
via **electronic**   **mail** to the merchant.
     When PC Gifts & Flowers received the check electronically, software on
the firm...

 21/3,K/25   (Item 6 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

02742665   Supplier Number: 45566052 (USE FORMAT 7 FOR FULLTEXT)
The Windy City May Become The Smart City
Bank Network News, v13, n1, pN/A
May 27, 1995
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 386

...   a lot of money to upgrade an entire terminal base with smart
cards," he says.
     Electronic   **Data** Systems, which is scheduled to take over as Cash
Station's processor in November, will process transactions in the smart
card pilot. EDS will begin a 350-card in-**house** stored-value **smart** card
program at EDS' Morris Plains, N.J., EFT headquarters later this month. EDS

is...

21/3,K/26   (Item 7 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

02734110   Supplier Number: 45547831   (USE FORMAT 7 FOR FULLTEXT)
Stored-value smart card programs are hot
CardFAX, pN/A
May 17, 1995
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 208

...   two Canadian banks to pilot its electronic purse product in North
America (Cardfax 5/15).
     Electronic   Data Systems, which is scheduled to take over as Cash
Station's processor in November, will process transactions in the Smart
City pilot. EDS will begin a 350-card in-**house** stored-value **smart** card
program at EDS' Morris Plains, NJ, headquarters later this month.
     Copyright 1995 Faulkner & Gray...

21/3,K/27   (Item 8 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

02498947   Supplier Number: 45019413   (USE FORMAT 7 FOR FULLTEXT)
CEO INTERVIEW- PAUL M. OLSON, CABLE DESIGN TECHNOLOGIES CORPORATION (CDTC)
Wall Street Transcript Digest, v14, n12, pN/A
Sept 26, 1994
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 301

   (USE FORMAT 7 FOR FULLTEXT)
TEXT:
...and CEO of Cable Design Technologies Corporation (CDTC), a designer and
manufacturer of technologically advanced **electronic   data** transmission
cables made of copper, fiber optics and copper/fiber optic composites. The
Company's...

...cable products will continue as their leading revenue gainer, and that
beyond networking, there is '**smart   house** /**smart** buildings' --cable is
going to be installed by both the communications industry and the cable...

21/3,K/28   (Item 9 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

02432806   Supplier Number: 44844570   (USE FORMAT 7 FOR FULLTEXT)
Symantec-Joins Smart Valley Consortium
Interactive Facts, v1, n17, pN/A
July 18, 1994
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 282

   (USE FORMAT 7 FOR FULLTEXT)
TEXT:
...award-winning pcANYWHERE for mobile professionals and telecommuters
complements the Smart Valley mission as Internet, e -**mail** and other
communications connections to computers become common." Smart Valley, Inc.
is a nonprofit organization...

...that will benefit all sectors of Silicon Valley: education, healthcare, local government, business and the **home** . **Smart** Valley, Inc. is affiliated with Joint Venture: Silicon Valley Network, a broad-based, grass roots...

21/3,K/29   (Item 10 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

02069070   Supplier Number: 43795648   (USE FORMAT 7 FOR FULLTEXT)
Untitled Article
Bank Network News, pN/A
April 26, 1993
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 2201

...   administration, with its open arms to technology, can speed the development of electronic benefits transfer, **smart** cards, **home** banking services and automated branch banking. While Presidents Reagan and Bush were of a generation...

...come from a generation that embraces debit cards. Also, observers say GoreUs support of an **electronic   information** highway could advance **electronic** banking services. "Gore, more than Clinton, is generating an energy that is affecting everyone in...

...optics and interactive video communications. As a result of that, and GoreUs support of national **electronic   data** bases, **electronic** home banking programs could gain additional support. Also, Kennedy notes that ClintonUs interest in health..

28/3,K/1   (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

12364705   SUPPLIER NUMBER: 62799418   (USE FORMAT 7 OR 9 FOR FULL TEXT)
THE HOME AS A COMPUTER.
Bodensteiner, Peter
Builder, 23, 1, 188
Jan, 2000
ISSN: 0744-1193   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 976   LINE COUNT: 00079

...   90s as builders throughout the country standardized on structured
wiring, providing buyers with high-speed **Internet** access along with the
ability to network computers and distribute video throughout the home. But
...

...with more conventional ones--heating, cooling, lighting, security and
electricity. The dream of a truly **"smart** " **home** remains just that.
     IBM's Home **Director** system is one potential answer. Sereno Homes, a
high-end custom builder in Austin, Texas...

28/3,K/2   (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

12240292   SUPPLIER NUMBER: 62825152   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Home Director chosen by Insyde Software to provide applications for
 Internet devices.
Business Wire, 2292
June 20, 2000
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 779   LINE COUNT: 00071

...   Officer.
     At the Digital Living Room conference this week, Home Director is
demonstrating a WebPAD **appliance** running its **Home** Network **Controller**
intelligent   **home** management system. The Home **Director** control
interface, previously accessed from any television in the home, is being
extended to use...

...interface on the WebPAD appliance that can also be accessed by any
browser over the **Internet** .
     "Insyde's significant operating system and browser integration
expertise combined with National's XpressROM product...

28/3,K/3   (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

12236737   SUPPLIER NUMBER: 62809792   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Home Director Joins OSGi Standard Initiative Bringing Internet-Based
 Services to the Networked Home.
Business Wire, 2849
June 19, 2000
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 687   LINE COUNT: 00060

...   Takes a Leadership Position to Make OSGi Service
     Bundle Available for Existing Commercial Products
     Home **Director** , a leader in **home** networking and **intelligent**
home systems, announced today that it is joining the Open Services Gateway
Initiative (OSGi) - embracing the open standard for connecting a new
generation of "**intelligent**   **devices** " in the **home** to the **Internet** .
     By joining more than 60 leading technology companies in the OSGi

organization, Home Director is...

...the home; and easily add or change the location of telephone lines.
     The Home Network **Controller** provides **homeowners** with an
intelligent link among security, **lighting** and HVAC systems. The systems
can be controlled through a television, computer or any device with a Web
browser, either in the home or through a remote **Internet** connection.
Adding OSGi to this system further enhances its capabilities.
     The OSGi organization (http://www...

28/3,K/4   (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

12081988   SUPPLIER NUMBER: 62056306   (USE FORMAT 7 OR 9 FOR FULL TEXT)
On RadioWallStreet.com: the TechPower Show.
Business Wire, 1258
May 12, 2000
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 283   LINE COUNT: 00028

...   Friday, May 12, 2000, at 2:00 PM EDT.
     His guests this week include Jill **House** , **Smart** Hand Held **Devices**
 Analyst, IDC; Phil Holden, Group Product **Manager** for the Microsoft
Corporation (Nasdaq: MSFT) Mobile Device Division; Ted Clark,
Vice-President of **Internet** Appliance for Compaq Computer Corporation
(NYSE: CPQ); Elaine Gasser, Hewlett-Packard Company (NYSE: HWP) Jornada...

28/3,K/5   (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

11977619   SUPPLIER NUMBER: 61527630   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Looking Back, Looking Forward.
Simpson, David
Appliance, 57, 4, 38
April, 2000
ISSN: 0003-6781   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 2980   LINE COUNT: 00240

...   to developing the first wave of HLT-Smart appliances for Sunbeam,
Thalia developed three, new **Internet** -ready Thalia branded products for
the Housewares Show: the HomeHelper kitchen console, HandHelper personal
digital...

...and TimeHelper alarm clock. Each appliance will be gateways to the
outside world and primary **controllers** of HLT-**Smart** products in the
home . The six Sunbeam HLT-Smart products are a coffee maker, electric
blanket, smoke detector, stand...

28/3,K/6   (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

11843441   SUPPLIER NUMBER: 60004337   (USE FORMAT 7 OR 9 FOR FULL TEXT)
LG Electronics Promotes Echelon's LONWORKS Networks for the Home.
Business Wire, 1119
March 8, 2000
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 862   LINE COUNT: 00080

...   have determined that the LONWORKS system provides one of the most
preferred solutions for creating **smart** , **Internet** -enabled **home**
appliances that work with each other and interoperate with **devices** from

other manufacturers."
    "Echelon has positioned itself for the burgeoning home networking
market by joining...

28/3,K/7   (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

11688241   SUPPLIER NUMBER: 58925589   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Zilog Announces 1999 Results; Net Sales Increase 20% over 1998.(Company
Financial Information)**
Cambridge Telecom Report, NA
Jan 24, 2000
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 758   LINE COUNT: 00112

...   the Extreme Connectivity market. ZiLOG's new product lines --- the
Cartezian Communications Engine, the eZ80 **Internet** Engine, the Wave chip
family of wireless spread spectrum data and voice controllers, and Wave
Communicator technology --- are part of the company's bid to harness the
power of the **Internet** , connect home appliances, security systems and
office networks, and transform home entertainment platforms into
interactive networks and **Internet** gateways. As evidence of this
initiative, ZiLOG and Sunbeam Corporation announced an alliance Monday to
develop Extreme Connectivity solutions for **smart**   **homes** and **appliances**
.
    ZiLOG is a leading global design solutions company specializing in
embedded and integrated circuits for...

28/3,K/8   (Item 8 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

11638180   SUPPLIER NUMBER: 58460759   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**LONMARK Interoperable Devices On Display at the 2000 International Consumer
Electronics Show.**
Business Wire, 0316
Jan 6, 2000
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 645   LINE COUNT: 00061

...   s products join those from Echelon, Hubbell, and Leviton to round
out the Sun Microsystems' **Internet** demonstration of GTE's prototype "
Smart   **Home** " in Dallas, Texas.
    "The number of LONMARK **devices** on display this year at the 2000 CES
continues to demonstrate the amazing growth of...

28/3,K/9   (Item 9 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

11401702   SUPPLIER NUMBER: 56070270   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Open Services Gateway Initiative Builds Momentum; 30+ Member Companies
Convene in Chicago to Establish Open Standard For Delivering E-Services
to Homes/Small Businesses.**
PR Newswire, 2154
Oct 7, 1999
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 4234   LINE COUNT: 00380

...   of connectivity with the external internet world will be an
important step to enable the **intelligent**   **home** . The market for consumer
appliances , such as Multimedia Terminals and home gateways, is going to
experience exceptional growth thanks to...

...based computing is not just about a mouse and a monitor: instead, its about using **smart   homes** , **smart** buildings and **smart   equipment** to better connect to customers, vendors and suppliers. **Internet** service will be as ubiquitous as the power in your home, and just as pervasive...

...open standards for the Services Gateway will be a key in the development of new **Internet** service."
    Sun Microsystems media contact:
    Penny Bruce
    408-343-1796
    Penelope.Bruce@Eng.Sun.COM...

28/3,K/10   (Item 10 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

11353317   SUPPLIER NUMBER: 55500562   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Invensys Buys Unity.
Appliance Manufacturer, 47, 8, 14
August, 1999
ISSN: 0003-679X   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 50   LINE COUNT: 00007

TEXT:
    Invensys Controls, Richmond, Va., acquired **Unity** Systems of Sunnyvale, Calif. **Unity** Systems pioneered the "**smart   home** " concept in the early 1980s, and its recent product introductions include the Universal Controller, a product aimed at the light commercial market, and Unity Solutions, an **Internet** monitoring and control system.

28/3,K/11   (Item 11 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

11346485   SUPPLIER NUMBER: 55450518   (USE FORMAT 7 OR 9 FOR FULL TEXT)
REDEFINING SWITCHES.
Higgins, Jill
Appliance, 56, 8, 32
August, 1999
ISSN: 0003-6781   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 4287   LINE COUNT: 00355

...   the focal point to provide smart power control that can be operated manually, by the **equipment** itself, or remotely by a modem, from a **smart home** control bus, or over the **Internet** ."
    The unit features two fully isolated, low-voltage inputs for "remote" control applications. One of

28/3,K/12   (Item 12 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

11266880   SUPPLIER NUMBER: 55445972   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Learn2.com Signs 3 Year Deal With T1 Homes.com, Pioneer in Residential T1 Lines; Company Expects to Reach 3 Million Users Within 2 Years.
Business Wire, 1054
August 16, 1999
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 876   LINE COUNT: 00077

...   includes additional features such as reporting and administration.
    T1Homes.com provides not only high speed **Internet** access but **home** automation which features **smart   appliances** operated by remote control

and card- or thumb-reading security systems as future examples. It...

28/3,K/13   (Item 13 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

09900081   SUPPLIER NUMBER: 19979523   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Home - beep - home. (home automation technology) (includes related article
 on home automation standards Home Plug and Play and IEEE 1394) (Industry
 Trend or Event)
Maglitta, Joseph E.
Electronic Business, v23, n11, p55(5)
Nov, 1997
ISSN: 0163-6197   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3051   LINE COUNT: 00258

...   players, CD jukeboxes, games and screen phones.
     The strategy hinges on building a network of **"smart "** **home**
devices like telephones, televisions and CD players connected to the
Internet . Such integration would let homeowners find phone numbers from
Web phone directories, for example, or...

28/3,K/14   (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

02259739   SUPPLIER NUMBER: 53555187   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Wrapping Up This Year's Winter CES - Roundup 01/11/99.
Newsbytes, NA
Jan 11, 1999
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 785   LINE COUNT: 00067

TEXT:
     ...sharp-usa.com . HotCall 2000 Incoming Call Alert Command
Communications, Inc. showed its "solution" for **Internet** surfers who have
only one incoming telephone line. The HotCall 2000 uses the phone company
...

...Advantage 2000 interactive kitchen resource center, a combination TV,
stereo audio-video CD player and **Internet** technology **controller** to
monitor entertainment, **Internet** access, e-mail, **home** security and
smart -appliances . The firm based the resource center on its Spyglass
Device Mosaic technology. The smart appliances yet to come are devices
like stoves, dishwashers and refrigerators...

...product line that uses telephone lines to connect the PC with
peripherals or to the **Internet** . The firm says this version of HomePNA
only takes plugging in a telephone extension. The...

...introductory home networking kits with two cards, a multi-player game
and ActionTec's DynaSyGate **Internet** and peripheral sharing software that
lets all connected PCs share a single ISP (**Internet** service provider)
account, telephone line and modem. The software includes firewall
protection and gives parents...

...let users monitor their family, home, or business from anywhere that has
access to the **Internet** or e-mail. The firm said its patent pending
technology will sell for $699 and...

28/3,K/15   (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

02259075   SUPPLIER NUMBER: 53547924   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Making Plug And Play Universal 01/08/99.
Newsbytes, NA
Jan 8, 1999
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 936   LINE COUNT: 00078

TEXT:
        ...to jump-start into reality this year. The second is to implement a
form of **Internet** -- or at least TCP/IP -- connection sharing. The
combination would make it easy for smart...

        ...intelligent computer "appliances" and a new category of "smart objects"
that are not primarily computing **devices** , such as cellular phones,
cameras and **household** thermostats. It is **smart** objects that Microsoft
particularly wants to bring into a universal plug and play initiative, to
...

        ...the success of internetworking pretty much everything. Mundie said
Microsoft has now settled on IP (**Internet** protocol) to network devices.
He mentioned various ways to network objects in existing structures,
including...

        ...to have to understand network topology. The connection must let multiple
users share a single **Internet** connection, must be automatically
configurable and must connect on demand. In other words, it must...

   28/3,K/16   (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

04639187   Supplier Number: 61636284   (USE FORMAT 7 FOR FULLTEXT)
Echelon Expands Networking Arrangements.
Manufacturing Automation, v9, n4, pNA
April, 2000
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1209

   ...   LG Electronics (LGE) of Korea is promoting open, interoperable
networked devices in the home. Its **Internet** -enabled appliances such as
refrigerators, microwaves, and other appliances will use Echelon"s LONWORKS
control...have determined that the LONWORKS system provides one of the most
preferred solutions for creating **smart** , **internet** -enabled **home**
appliances that work with each other and interoperate with **devices** from
other manufacturers, said Namseog Byeon, general manager of technology
strategy, Digital Appliance Company, LGE...

   28/3,K/17   (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

04557603   Supplier Number: 59325641   (USE FORMAT 7 FOR FULLTEXT)
Vivao plc recruits two new senior managers.
M2 Presswire, pNA
Feb 10, 2000
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 788

   ...   Commerce direction to the company's interactive media and
retailing services, which included content management, **Internet** shopping,
multi-channel retailing and interactive Digital **TV** . He also developed the
"**Internet** Fridge" **intelligent   home   appliance** concept, in
conjunction with Electrolux.

Peter also has over six years experience in product marketing...

28/3,K/18   (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

04534602   Supplier Number: 58672110   (USE FORMAT 7 FOR FULLTEXT)
**Preparing for digital doorway to the home, ICL connects retailers and
consumers with tech exhibit.**
M2 Presswire, pNA
Jan 18, 2000
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 673

...   said. "That's why we're showing a store of the future and a
networked **home** , complete with **smart**   oven, **Internet** refrigerator and
remote handheld **devices** , all of which work together for access both to
retailers as well as to controls...

28/3,K/19   (Item 4 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

04107571   Supplier Number: 54000104   (USE FORMAT 7 FOR FULLTEXT)
**SUN MICROSYSTEMS: 15 leaders to create standard for bringing net-based
services to networked home.**
M2 Presswire, pNA
March 2, 1999
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 2043

...   computing is not just about a mouse and a monitor: instead, it's
about using **smart**   **homes** , **smart** buildings and **smart**   **equipment** to
better connect to customers, vendors and suppliers. **Internet** service will
be as ubiquitous as the power in your home, and just as pervasive..

```
File 634:San Jose Mercury  Jun 1985-2000/Aug 17
         (c) 2000 San Jose Mercury News
File 635:Business Dateline(R) 1985-2000/Aug 23
         (c) 2000 Bell & Howell
File 647:CMP  Computer Fulltext 1988-2000/Aug W1
         (c) 2000 CMP
File 674:Computer News Fulltext 1989-2000/Jun W1
         (c) 2000 IDG Communications
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire


Set     Items    Description
S1    1276192    REMOT? OR NETWORK? OR INTERNET OR WWW OR WORLD()WIDE()WEB -
                 OR (WIDE OR LOCAL)()AREA()NETWORK? OR WAN OR DISTANT OR DISTR-
                 IBUT?
S2     305295    SEND OR SENDING OR SENDS OR TRANSMIT? OR TRANSMISSION? ?
S3    1757352    COMMAND? OR INSTRUCTION? OR DIRECTION? OR OPERATION? ? OR -
                 SIGNAL? ? OR ACTIVAT? OR EXECUT? OR REQUEST? OR TURN?()ON
S4    1431821    CONTROLLER? OR MANAGER? OR DIRECTOR?
S5     902191    DEVICE? OR UNIT? ? OR PERIPHERALS? ? OR VIDEO()DECK? ? OR -
                 APPARATUS OR EQUIPMENT?
S6     417350    APPLIANCE? ? OR (HOME OR HOUSE)(3N)APPLIANCE? OR STOVE? ? -
                 OR MICROWAVE OR LIGHTS OR LIGHTING OR VCR OR TV OR TELEVISION
S7        115    ELECTRIC?()POWER()GRID? ?
S8       1181    (SMART OR INTELLIGENT)(3N)(HOUSE? OR HOME?)
S9    2153309    EMBED? OR COMBIN? OR AFFIX? OR ADJOIN? OR JOIN? OR ATTACH?
                 OR ADD? OR INSERT? OR AUGMENT? OR APPEND? OR INCORPORAT?
S10    186406    (ELECTRONIC OR E OR VIRTUAL)(3N)(MAIL OR MESSAGE? OR DATA -
                 OR INFORMATION) OR EMAIL
S11        18    S8(S)S10
S12      3127    S1(5N)S2(3N)S3
S13    100160    S4(S)(S5 OR S6 OR S7)
S14     24215    S9(5N)S10
S15         1    S12(S)S13(S)S14
S16         1    S12(S)S13(S)(USING OR VIA)(3N)S10
S17         1    S16 NOT S15
S18        54    S12(S)S13
S19         0    S18(S)S8
S20         8    S18(S)S10
S21         6    S20 NOT (S15 OR S16)
S22         6    RD S21 (unique items)
S23         6    S11 NOT (PY=>1997 OR PD=>970318)
S24         6    RD S23 (unique items)
S25        19    S13(10N)S8
S26         2    S25(S)INTERNET
S27         2    S26 NOT (S15 OR S16 OR S24)
S28        17    S25 NOT S27
S29        15    S28 NOT (PY=>1997 OR PD=>970318)
S30        15    RD S29 (unique items)
```

15/3,K/1   (Item 1 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
(c) 2000 IDG Communications. All rts. reserv.

061551
A line in the SPAM
In Depth
IS can learn a lot from watching the slugfest between those who send junk
**   E-mail and those who despise it**
Byline: Leslie Goff
Journal: Computerworld   Page Number: 87
Publication Date: August 25, 1997
Word Count: 1777   Line Count: 159

Text:
Scott Hazen Mueller broke out in a sweat when his name and return **address**
were forged on a bulk **electronic -mail   message** to members of Congress
that threatened to wipe out all the information stored on congressional...

... against online junk mail, popularly known as spam. Spammers have forged
his name and return **E -mail   address** , as well as those of CAUCE, on
several solicitations for money to support fictional antispam...

... the antispammers contend that spammers use tactics that abuse their
personal   privacy,   such as harvesting **E – mail   addresses**   and
 distributing   them without consent; ignoring remove-me-from-your-list
 requests or making it impossible to **send** such **requests** ; and employing
messaging software that penetrates spam filters. They say spam wastes their
time, constitutes...

...day. "If the current growth trend continues," he says, "everyone will go
back to watching **TV** ." In the other corner, the pro-spammers argue the
First Amendment, claiming the right to...president of interactive at Direct
Media, Inc. in Greenwich, Conn., a large direct marketing list **manager**
 and broker. "I'm out on the Web all the time, and I'm not...

...who respond to direct marketing material they may perceive as spam. If
companies are collecting **E -mail   addresses** and other demographic
data from Web surfers who register at their sites, an advisory of...

... spammer and proud of it. His company, Mr. E-mail in Newport Beach,
Calif., sells **E -mail   address** lists, software and services. He has no
intention of caving in to the antispam pressure...

...Here's what he has to say: CW: What gives spammers the right to harvest
 E – mail   addresses and use them for their own commercial purposes?
SILVER: This is where I totally feel...
... the White Pages, I have the right to call that number because it's
public **information** . So is the **E -mail   address** that's posted anywhere
on the 'net. If I had to break in with a...

...do is the same as opening the phone book. If someone doesn't want bulk
 E -mail , they shouldn't place their **address** anywhere that's publicly
accessible, whether they're registering for shareware or entering a
sweepstakes...

...people to bomb the server. It's more of a burden to provide a (return)
 E -mail   address than it is not to. I provide a toll-free phone number
for removal requests.

DIALOG(R)File 647:CMP Computer Fulltext

01023750   CMP ACCESSION NUMBER: NWC19940404S3505
Electronic Forms Are More Than Paper Images
Stephen Morse
NETWORK COMPUTING, 1994, n 504, 86
PUBLICATION DATE: 940404
JOURNAL CODE: NWC   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Reviews

TEXT:
...   the box; you can buy additional modules to support connections to
DB2, OS/2 Database **Manager** , Microsoft SQL Server and Oracle. We liked
Delrina's intuitive form design tools. We were...

...guess. FormFlow includes an extensive procedural and macro language
that requires programming skills. Chuck Feldman, **director** of wireless
business development at Mobile Media in Ridgefield Park, N.J., explained
that this...Edition and v2.X merges data with the form itself, in addition
to queuing print **requests** . This relieves the **network** of the traffic
load involved in **transmitting** entire form images for each print **request**
. We found the designer module rudimentary and not very intuitive. It
hardly uses the range of graphical **devices** available to it from Windows.
For one thing, there is no color all fonts are...

...virtually anyone can view the form you send. However, we couldn't send
a form **via**   **e** -**mail** from within the regular filler program, JetForm
Filler/G. We had to invoke a special...

22/3,K/1   (Item 1 from file: 647)

00642205   CMP ACCESSION NUMBER: CWK19890904S2751
NEC TO MAKE MODEM MOVE NEC America Inc.'s Data and Video Communications
    Systems Division, at... (CONVERGENCE)
COMMUNICATIONSWEEK, 1989, n 264, 10
PUBLICATION DATE: 890904
JOURNAL CODE: CWK   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: NEWS
WORD COUNT: 410

...   San Diego later this month, will introduce an intelligent
resource-sharing modem and data service **unit** /channel service **unit**
(DSU/CSU). The San Jose, Calif., division's rack-mounted I-Series **E** will
provide **data** communications **managers** with **network** -wide control over
the **operation** , diagnostics and monitoring of data **transmission** . The
advantages of the I-Series E, according to the company, are its control
and diagnostics , cost-effectiveness and variety of applications. With the
I-Series, network **managers** will be able to monitor or configure any of
the modems or DSUs in the series from local or remote sites. The network
managers will be able to centrally control up to 504 modems on the
network. System administrators...

22/3,K/2   (Item 1 from file: 674)

078959
Fast relief for slow Web sites
Tool kit for improving Web site performance includes packet shapers,
    caching appliances and load balancers.
Byline: CHARLES BRUNO, GREG KILMARTIN AND KEVIN TOLLY
Journal: Network World   Page Number: 59
Publication Date: November 01, 1999
Word Count: 3546   Line Count: 328

Text:
...bottlenecks on LAN links that can be overwhelmed by noncritical traffic
such as a large **e** -**mail** blast. With traffic shaping in place, you can
deploy caching products so you don't waste bandwidth by **sending** out
repetitive **requests** over the **Internet** when they can be serviced
locally. Finally, a load-balancing tool can help provide consistent...

... through.The players: We evaluated two types of packet-shaping
implementations. The so-called buffer **managers** (a k a bit dribblers) were
represented in our tests by NetReality's WiseWan product...

... 1 and frame relay connections - sits on the outside of the router and
lets network **managers** build traffic queues that are serviced by the
packet-shaping **device** . WiseWan 200 services traffic queues while
endstations send data that fills the queues. We found...

... traffic streams entering the network. The downside to this deployment
option is that such a **device** offers little control over internal network
traffic. The class of traffic shapers represented in our...

...to the different parameters.This process acts as a governor of sorts, so
the transmitting **device** throttles back traffic, opening bandwidth for
high-priority traffic types. Because PacketShaper doesn't buffer the same
 device   category, they are distinctly different products. You should use
WiseWan 200 if you want to...

... 1 as users download files. PacketShaper lets you cap the outgoing rate of traffic so e - mail , RealAudio or other traffic types get the bandwidth they need, too. CachingOnce you deploy packet...

...Under this scenario, you trade freshness of the data for better response time.Alternatively, caching **devices** may be positioned close to your Web servers as a front-end processor, off-loading...
... pages in demand are cached, the caching engine simply returns the page to the requesting **device** , instead of dumping the page request to the Web server. The players: Only two Web...

... stations requesting data from a Web server, revealing only the IP address of the caching **device** . By contrast, Cobalt's CacheRaQ stores the IP address of a requesting client and reveals...

... However, HTTP 1.0 is still prevalent among Web sites.In our evaluation of caching **appliances** , we were impressed with CacheFlow's attempt to bring the pipelining benefits of HTTP 1...

... Timing is everythingAccessing cached Web pages to improve response time is one benefit of caching **appliances** , but such products also must guarantee the freshness of Web site data. A number of...our engineers requested page refreshes from our prototype network with the CacheFlow and Cobalt caching **appliances** , both **devices** intercepted the requests effectively and provided fresh content wherever necessary. Load-balancing **devicesTraffic** shaping and Web caching help network **managers** gain better control over available bandwidth and reduce latency, but Web site **managers** also need to take steps to ensure Web server availability.That's where load balancing...
... Point Systems, F5 Networks, Foundry Networks, HydraWeb Technologies and RADWare (see chart, below). Unlike caching **appliances** that are separated by subtle nuances in how they process page requests, load balancers vary...

... servers and the other that links to the Internet feed in a router or other **device** .At first glance, PC-based load balancers may seem out of place in enterprise networks...

...switch will offer greater raw performance than a PC-based load balancer, the PC-based **device** can offer more functionality because the general operating system kernel offers standard programming interfaces to...

... Load balancers track a variety of health statistics on connected Web servers to determine which **device** carries the smallest load and offers the optimal response time to handle the transaction at...case for agents is about the depth of knowledge you desire. Once a load-balancing **device** has determined the load carried by each Web server it manages, it will distribute traffic...

... AceSwitch 180,Coyote Point's Equalizer, F5 Networks' Big/ip and RADWare's Web Server **Director** support a balancing approach that directs requests to the server with the fewest number of...
... may be able to further improve performance by using more than one kind of these **devices** in the same deployment.Caching engines placed in front of load balancers, for instance, can...

... top of their other features.We contend that you need to blend traffic shapers, caching **appliances** and load balancers in order to groom response times, improve the reliability of service and...

22/3,K/3   (Item 2 from file: 674)
DIALOG(R)File 674:Computer News Fulltext

077389
NEC shows off consumer robot
Byline: Michael Drexler

Text:
... Mother?" it chirped in a synthesized whine, gazing its mechanical eyes
at Yoshihiro Fujita, project **manager** of NEC's research and development
group. The pudgy robot resembles the character Cartman from...

... on a stumbling demonstration of its skills at NEC's Incubation Center.
Responding to voice **commands** , the prototype can **remotely** control a **TV**
 and air-conditioner, **send** and receive **e** -**mail** , and surf the 'Net. The
robot often became confused, however, when confronted with the face...

... act completely autonomously, Fujita says. The R100's "eyes" are
one-third inch charge coupled **devices** , the same **devices** used to capture
images in digital still cameras. The robot stays powered for two hours...

22/3,K/4   (Item 3 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
(c) 2000 IDG Communications. All rts. reserv.

074518
Management on the cheap
Here are 10 network and systems management tools that are free (or awfully
   close to it).
Byline: JEFF CARUSO
Journal: Network World   Page Number: 51
Publication Date: May 10, 1999
Word Count: 1103   Line Count: 99

Text:
Consider the simple, nearly ubiquitous utility called ping. It's a network
manager   's first reflex, the first tool in the toolbox.Need to know if a
server...

... however, is just one of many useful and free management utilities
readily available to network **managers** . In a large enterprise, such tools
can be used to supplement commercial management tools and...

... ship with Unix and other operating systems, shareware and freeware
management tools abound. Many network **managers** have grown frustrated with
management software on the market; some have written their own quick...
... the public domain.Should an organization trust its network to free
tools? Strategies differ. Some **managers** use the tools in conjunction with
major network management software. Others use them as a...

... about all you needed to keep a small IP network running smoothly," says
Mike Myrick, **manager** of network development and engineering services at
the University of Mississippi. Over the past 20...

... grown management tools is cheap and easy on a small scale," says Deke
Kassabian, technical **director** at the University of Pennsylvania. "But
once the scale gets large enough, there is a...

...Packet InterNet Groper, has been around since 1983. The program lets you
know if one **device** can reach another over a **network** . Ping does this by
 sending an echo **request** using **Internet** Control Message Protocol. This
free utility has been ported to major operating systems, including Unix...

...similar to ping, in that traceroute demonstrates if a packet can make it
from one **device** to another. But traceroute also displays the route the
packet takes through the Internet and...

...long periods of time, showing traffic trends for the past week, month or
year. Network **managers** can configure MRTG to collect and display trends

on any SNMP variable.Many **managers** use MRTG to graph network trends, says Scott Parker, chief technology officer at Southernview Technologies...

... utility is a network management platform based on the Tool Command Language. With it, network **managers** can write scripts to automate network tasks. Scotty discovers what **devices** are connected to a network, filters events, provides for troubleshooting and includes a browser to...

... management information base."Scotty is not as extensible as Hewlett-Packard's OpenView or SunNet **Manager** , but it performs the basic functions I really need, at no cost," the University of...

...ones are up, and it scans for TCP ports to see what services - such as **e -mail** and Web pages - are available on the server. 7. TcpdumpThe Unix utility tcpdump prints out the headers of packets that go through the computer's network interface. Network **managers** can filter out the specific packets for which they're looking. They can look at...

... network resources, watching for server problems and ensuring that services such as Web pages and **e -mail** stay available. Network **managers** can configure mon to watch the service of their choice and generate an alert if... instance, if the file system is full, swatch could notify the administrator by sending an **e - mail message** . 10. WhatsUp GoldThe product can tell network **managers** when a **device** or service fails (see graphic, page 68). Ipswitch this month is shipping Version 4.0...

... reporting capabilities. The software keeps a running tab of how often and for how long **devices** go down, and generates reports on the information. Network **managers** often use the product as a backup to other commercial network management systems.There are...

22/3,K/5   (Item 4 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
(c) 2000 IDG Communications. All rts. reserv.

069160
Speech recognition bolsters Nortel messaging pack
Byline: David Rohde
Journal: Network World   Page Number: 17
Publication Date: September 28, 1998
Word Count: 463   Line Count: 44

Text:
DallasNortel wants to tempt more users into trying unified voice, fax and **e -mail** messaging with a new platform that offers speech recognition and support for multiple **e -mail** clients.The company this week is expected to introduce a new multimedia messaging system named...

... in a single mailbox. Using a LAN-side connection, CallPilot pops header information for the **messages** onto desktop **e -mail** interfaces.CallPilot differs from some other unified messaging systems in several ways. First, it is not built for a particular **e -mail** client but supports many of them, including Lotus Notes and Microsoft Exchange. Second, CallPilot supports...

... ordinary telephone inputs with which to play messages. But users can also say predefined spoken **commands** from their offices or **remote** locations to compose, **send** , delete, skip and play back messages.The range of message-management options appeals to Lynne...

... potential user in an attempt to recognize unique natural speech patterns, says John Myers, general **manager** of Nortel's messaging-systems **unit** . Myers says the net effect is a lower total cost of ownership for an enterprise...

... skipping the adjunct hardware and having the system installed on

Meridian's on-board peripheral-**equipment** shelf as a single-board Pentium server. That base configuration costs $20,000 for four...

22/3,K/6   (Item 5 from file: 674)
DIALOG(R)File 674:Computer News Fulltext

025187
Politics threaten debut of communications tools
Byline: James Daly, CW Staff
Journal: Computerworld   Page Number: 57
Publication Date: August 17, 1992
Word Count: 767   Line Count: 55

Text:
...personal digital assistant'' called Newton that could sport radio-based communication services.
     In addition, once **TV   signals** are sent in digital format, **networks** might **transmit   electronic   data** services such as stock quotes or deliver on-demand motion pictures in just a few seconds over high-capacity fiber-optic wire, predicted Nicholas Negroponte, **director** of MIT's Media Lab.
     ''The next step in TV is not being high-definition...

24/3,K/1   (Item 1 from file: 634)
DIALOG(R)File 634:San Jose Mercury

08778111
**INTEL TOUTS 'SOCIAL COMPUTING' BUT SOME DOUBT THAT PARENTS AND CHILDREN
WILL JOIN IN USING A MACHINE DESIGNED FOR SOLO USE, EVEN IF IT'S
INTEGRATED WITH A TELEVISION**
San Jose Mercury News (SJ) - Friday, October 4, 1996
By: JODI MARDESICH, Mercury News Staff Writer
Edition: Morning Final Section: Front Page: 1A
Word Count: 1,384

... a large-screen color monitor and a TV tuner that transforms the PC into
a **smart** TV. **Home** users will be able to plug in their surround-sound
speakers and play movies off...

...discs, for example. Some Family Room PCs will offer a message center for
telephone and **electronic** **mail** , while others will offer video
conferencing.

   Family Room PCs will have wireless devices, like keyboards...

24/3,K/2   (Item 2 from file: 634)
DIALOG(R)File 634:San Jose Mercury

08280053
CASH POOR, EQUITY RICH HOMEOWNERS MOVE FORWARD WITH REVERSE MORTGAGES
San Jose Mercury News (SJ) - Saturday, October 7, 1995
By: Broderick Perkins, Mercury News Real Estate Writer
Edition: Morning Final Section: Real Estate Page: 1F
Word Count: 1,793

...247-6553 or (612) 953-4474.
 Mercury Center

 Anjan and Wendy Ghose's DOS software ''**Smart** **Homeowner** 2.0'' helps you
compare various mortgages and home equity loans, including reverse
mortgages. A...

... the Software Libraries button, open the Mercury Library and scroll down
until you come to **Smart** **Homeowner** . To purchase the latest full release
of ''The **Smart** **Homeowner** '' (including hard-copy documentation) direct,
send $39 (includes taxes and postage) to IEG Consultants, P...

... inch disks. A Macintosh version is not available. Call Ghose at (415)
813-0192 or **e** **mail** him at AnjanG(atsign)aol.com.
N

24/3,K/3   (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext

01110962   CMP ACCESSION NUMBER: EET19961118S0102
Internet smart phone dials new markets
Robert Simon, Executive Vice President, Navitel Communications Inc.,
    Menlo Park, Calif. and Thomas Brenner, Product Manager, Handheld
    Devices, PDA/PIC Product Line, Philips Semiconductors, Mountain View,
    Calif.
ELECTRONIC ENGINEERING TIMES, 1996, n 928, PG90
PUBLICATION DATE: 961118
JOURNAL CODE: EET   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Designing Computers

WORD COUNT: 1348

    Financial programs, including home banking and stock trading, along
with **e -mail** are good applications for a device that combines
telephony features with computing and Internet-access...

...migrated to both the telephone touch-tone pad and the computer,
requiring two devices for **home** access. The Internet **smart** phone
brings all the necessary capabilities together in one device.
    Moreover, combining voice and e...

 24/3,K/4   (Item 2 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2000 CMP. All rts. reserv.

01053601   CMP ACCESSION NUMBER: CWK19950522S0005
NABISCO NET BRINGS SWEET SUCCESS
SAROJA GIRISHANKAR
COMMUNICATIONSWEEK, 1995, n 558, PG1
PUBLICATION DATE: 950522
JOURNAL CODE: CWK   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Top of the News
WORD COUNT: 1206

...   more efficiently.
    This all comes together through an Executive Information System.
Using Microsoft's MS-**Mail**   **electronic -mail** system as the transport,
homegrown   intelligent agents fetch business-related information from
news wires, sales and revenue data from ISIS, and...

 24/3,K/5   (Item 3 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2000 CMP. All rts. reserv.

00519591   CMP ACCESSION NUMBER: UNX19920203S3753
LOOK OUT, SYSOPS, HERE'S SOME FUTURE - `Killer' MTV Apps,   Smart Phones &
    The Global SolNet Make for Network Nirvana
UNIX TODAY , 1992, n 090, 28
PUBLICATION DATE: 920203
JOURNAL CODE: UNX   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: OPEN VISIONS: FUTURE MAPPING
WORD COUNT: 1601

...   PCs and Smart Phones will create a massive installed base of
potential customers for new **electronic   information** and entertainment
services services that our coming consortium will be all too happy to
provide. Putting a PC on every desk and a **Smart**   Phone in every **home** is
only the first phase. The truly lucrative one is what follows the age of
...

 24/3,K/6   (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0315011   BW704

NYNEX PHILIPS: NYNEX, Philips to develop system linking services and
    information to screen telephone

January 20, 1993

Byline: Business Editors/Telecommunications Writers

...with Philips the technical and consumer demand for a
system that integrates text and voice **information** services, such
as **electronic** white pages, banking and shop-at **home** services,
through the **intelligent** telephone network using a visual display
telephone.

o   Investigate new network technologies that will enable.

27/3,K/1   (Item 1 from file: 634)

08794050
**MICROPROCESSOR AT 25 A QUARTER-CENTURY OF INNOVATION SPAWNS A REVOLUTION
FOR ETERNITY**
San Jose Mercury News (SJ) - Sunday, October 20, 1996
By: MICHAEL MALONE, Special to the Mercury News
Edition: Morning Final Section: Business Page: 1E
Word Count: 3,465

...industrial world.

   Home life is changing as the microprocessor brings in video games,
personal computers, **smart   appliances** , **home   controllers** , cable
 television and, as the piece de resistance, the **Internet** , an entirely
new world at 28,800 bits per second.

   You cannot change the nature...

27/3,K/2   (Item 1 from file: 635)

2029323 48145047
**New chips promise ever-smaller e-gadgets Chip unveiled this week is one
   example of how dynamic the mobile market**
Van Slambrouck, Paul
Christian Science Monitor p2
Jan 21, 2000
WORD COUNT: 714

TEXT:

   ...communication through single devices.

   "Mobile phones are going to need to be vehicles for the **Internet** ,
television , interactive games, and even access to '**smart** ' **devices** in
the **home** ," says Max Nikias, **director** of the Integrated Media Systems
Center at the University of Southern California.

   Convergence doesn't..

30/3,K/1   (Item 1 from file: 634)
DIALOG(R)File 634:San Jose Mercury
(c) 2000 San Jose Mercury News. All rts. reserv.

08681125
WIRED FOR WHATEVER BUILDERS PREPARE HOUSES FOR HIGH-SPEED DATA TRANSMISSION
San Jose Mercury News (SJ) - Saturday, June 29, 1996
By: DAWN YOSHITAKE, Los Angeles Daily News
Edition: Morning Final Section: Real Estate Page: 11F
Word Count: 759

... about the need to wire homes for current and future technology, said
Susan Ritter, marketing **director** for **Smart House** , a Maryland-based
home automation **equipment** maker.

''As people get computers and create home offices, they'll need
additional wiring,'' she...

30/3,K/2   (Item 2 from file: 634)
DIALOG(R)File 634:San Jose Mercury
(c) 2000 San Jose Mercury News. All rts. reserv.

07332073
SAN JOSE'S FIRST SMART HOME SHOWS ITSELF OFF
San Jose Mercury News (SJ) - Saturday, November 27, 1993
By: BRODERICK PERKINS, Mercury News Consumer Writer
Edition: Morning Final Section: Home Page: 1E
Word Count: 1,010

CAPTION:
...2)

   DIAGRAM: A central system controller sends electrical signals to "smart"
appliances, audio/video systems, **lighting** , motion sensors and mechanical
devices .

   PHOTO: CAP CARPENTER -- MERCURY NEWS

   smart   house

   Above, Ed Abelite, a cutting-edge mechanical engineer, demonstrates how
to control a Smart Home...

30/3,K/3   (Item 1 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2000 Bell & Howell. All rts. reserv.

0655252 96-12008
**Oki Advanced Products announces comPCard 486/50, a 2-ounce, credit card
    size PC-compatible 486DX2-50 computer -- Light weight, but no
    lightweight**
Whimanek, Wes
Business Wire (San Francisco, CA, US) s1 p1
PUBL DATE: 951206
WORD COUNT: 491
DATELINE: Marlborough, MA, US, New England

TEXT:

   ...small a package, we really see it going into a host of the new
information **appliances** that will herald the arrival of the **smart** car,
smart home and **smart** office."

   ComPCard boasts a 486DX/50MHz CPU. Its on-card VGA supports standard
monitors or...

30/3,K/4   (Item 2 from file: 635)

0608060   95-64314
**New PicoPower system controller supports enhanced "Super" 486-class
   processors**
Fowler, Joe
Business Wire (San Francisco, CA, US) s1 p1
PUBL DATE: 950612
WORD COUNT: 766
DATELINE: Fremont, CA, US

TEXT:

   ...management features in the chipset can provide a solution that
promotes the computer as a **smart   home   appliance** ."

   High-Speed Support and Added Features

   The performance-oriented features of the Sequoia system controllers...

30/3,K/5   (Item 3 from file: 635)

0605456   95-61682
Jennison Manufacturing's heir-apparent launches new venture
Bates, Daniel
Small Business News-Pittsburgh (Pittsburgh, PA, US), V2 N1 s1 p16
PUBL DATE: 950500
WORD COUNT: 652
DATELINE: Carnegie, PA, US

TEXT:

   ...t prewire for telephone lines, and 10 years ago, the didn't prewire
for cable **TV** ," says Susan Ritter, **director** for marketing for a
Maryland-based **home** -automation company called **Smart   House** Ltd. The
company, an apparent competitor of Greyfox, is a limited partnership that
includes the...

30/3,K/6   (Item 4 from file: 635)

0574492   95-30304
Southern Califirnia Edison testing state-of-the-art prototype home in PD
Anonymous
Public Record (Palm Desert, CA, US), V19 N8 s1 p2
PUBL DATE: 950224
WORD COUNT: 715
DATELINE: Palm Desert, CA, US

TEXT:

   ...building with a respect for energy--from the slab up--has the
potential of producing **"intelligent " homes** that, when properly equipped
with equally intelligent **appliances** and systems, reduce monthly utility
bills.

   "We're constantly researching 'smart' construction and cutting edge...

30/3,K/7   (Item 5 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2000 Bell & Howell. All rts. reserv.

0511658 94-65996
Home of the future comes to Delaware
Hughes, Paul
Delaware Business Review (Wilmington, DE, US), V17 N28 s1 p1
PUBL DATE: 940711
WORD COUNT: 624
DATELINE: Wilmington, DE, US

TEXT:

    ...to state-of-the-art conveniences. The key to the system's
"intelligence" is the **controller** which manages, distributes, and
coordinates all communication throughout the building.

    Smart   House 's technological wonders have gotten raves from people
who has seen them work during open...

30/3,K/8   (Item 6 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2000 Bell & Howell. All rts. reserv.

0311969 92-59403
Bright Promise of 'Smart House' Dimming Over Time
Samuel, Paul D.
Daily Record (Baltimore, MD, US) s1 p9
PUBL DATE: 920727
WORD COUNT: 1,217
DATELINE: Baltimore, MD, US

TEXT:

    ...major manufacturers.

    "It's a Catch-22 situation," said Patty Montague, director of
communications for **Smart   House** L.P. "The **appliance** manufacturers want
to see the houses going up. They want to know that there is...

30/3,K/9   (Item 7 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2000 Bell & Howell. All rts. reserv.

0279084 92-25438
SDG&E Survey Shows How Use of Appliances Can Cut Bills
Nourse, Rhonda
San Diego Daily Transcript (San Diego, CA, US) sA p1
PUBL DATE: 920305
WORD COUNT: 645
DATELINE: San Diego, CA, US

TEXT:

    ...s remodeling show at the convention center. A mock living
environment set up as the **Smart** Play **House** featured
"computer-controlled **appliances** based on the idea that new technology
would be used to make appliances more convenient...

30/3,K/10   (Item 8 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2000 Bell & Howell. All rts. reserv.

0203203 91-24837
Home, Smart Home
Kleiner, Kurt
Baltimore Business Journal (Baltimore, MD, US), V8 N42 s1 p1
PUBL DATE: 910325
WORD COUNT: 1,766
DATELINE: Upper Marlboro, MD, US

TEXT:

   ...in each house, telling it when cheaper "off-peak" rates were in
effect, so big **appliances** like the dishwasher could be run more cheaply.

   But the **Smart   House** isn't without competition, said Michael
Cogbill, a senior associate at Parks Associates in Dallas...

 30/3,K/11   (Item 9 from file: 635)
DIALOG(R)File 635:Business Dateline(R)

0121631 90-04274
Pioneering the Home With a Brain
Thomason, Robert
The Washington Post (Washington, DC, US), V113 N27 sE p11
PUBL DATE: 900101
WORD COUNT: 584
DATELINE: Upper Marlboro, MD, US

TEXT:

   ...to the appliances plugged into those sockets. Flexible hoses
carrying natural gas to automated gas **appliances** will be part of **Smart
House** 's initial offering.

   "Manufacturers will be able to build appliances that are compatible
with this...

 30/3,K/12   (Item 10 from file: 635)
DIALOG(R)File 635:Business Dateline(R)

0057564 88-15096
Developers Eye 'Smart' Revolution
Sorenson, Michael B.
Rochester Business Journal (Rochester, NY, US), V4 N5 s1 p20
PUBL DATE: 880530
WORD COUNT: 1,494
DATELINE: Rochester, NY, US

TEXT:

   ...Development, the cable will distribute three things: power,
control/data signals and audiovisual signals.

   The **Smart   House** system also will have smart **appliances** regulated
by microchips. Besides allowing appliances to "talk" to each other through
their microchips, electronic...

 30/3,K/13   (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext

01113518   CMP ACCESSION NUMBER: EET19961209S0082

Fuzzy Logic- Java applets look for control - Aptronix's system uses a graphical interface to design fuzzy rules for smart applets
R. Colin Johnson
ELECTRONIC ENGINEERING TIMES, 1996, n 931, PG56
PUBLICATION DATE: 961209
JOURNAL CODE: EET   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Design
WORD COUNT: 817

...   a Web page to any microcontroller on their net-from the factory floor to a **smart   appliance** at **home** ," said Aptronix marketing **director** Daniel Zhu.
     Complex industrial processes will be represented graphically from several alternative views on Web...

 30/3,K/14   (Item 2 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2000 CMP. All rts. reserv.

00590582   CMP ACCESSION NUMBER: EBN19910107S3481
Hitachi's 16-Meg Fab Under Way In Japan Hitachi Ltd. has started construction of a 16-megabit dynamic RAM... (Semiconductor Briefs)
ELECTRONIC BUYERS' NEWS, 1991, n 735, 14
PUBLICATION DATE: 910107
JOURNAL CODE: EBN   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: SEMICONDUCTOR
WORD COUNT: 590

...   groups will have Taiwan's Chung-Hsin Electric and Machinery Manufacturing Corp. build a system **controller** for the **Smart   House** standard.
     Microsemi Names Steel Commercial Sales Chief
     Derek J. Steel was appointed to a new...

 30/3,K/15   (Item 3 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2000 CMP. All rts. reserv.

00505649   CMP ACCESSION NUMBER: EBN19920406S1816
This XT Isn't Power-Hungry (Product Of The Week)
Darrell Dunn
ELECTRONIC BUYERS' NEWS, 1992, n 798, 35
PUBLICATION DATE: 920406
JOURNAL CODE: EBN   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Products
WORD COUNT: 323

     The ESP8680 module is expected to be used in applications such as industrial machinery, medical **equipment** , robotics, **smart   homes** and hand-held computers, said Carmi Weininger, sales and marketing **director** for the wholly owned subsidiary of New York-based Dover Corp.
     The module measures 1...